

HYDRO-TRIAD, LTD

Water Resource Engineers



NATIONAL WESTERN STOCK SHOW
ENVIRONMENTAL ASSESSMENT REVIEW

PHASE II

March, 1991



Prepared by:
HYDRO-TRIAD, LTD

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March 4, 1991

The Western Stock Show Association
4701 Marion Street
Denver, Colorado 80216

Gentlemen,

In accordance with the October 31, 1990 authorization, Risk Management Services (RMS) and Hydro-Triad, Ltd. (Hydro-Triad) have conducted an environmental assessment of the area known as Phase II of the Western Stock Show Association properties. The boundaries of the area, as shown on Figure 1, are 47th Avenue to the South, Baldwin Court to the east, the alignment with 48th Avenue to the North and the Railroad right-of-way to the West. The primary proposed development for the study area is an all purpose arena which is expected to be located in the central portion of the property.

SITE DESCRIPTION

An inspection of the site was conducted by Hydro-Triad personnel on November 1, 1990. The existing condition of the site resembles an undeveloped area because almost all of the previous structures have been demolished. One house, which serves as an office, still exists northeast of the intersection of 47th Avenue and Franklin Street. The present features of the site are identified on Figure 2.

The eastern portion of the site, parallel to Baldwin court appears to be undisturbed native sub-grade gravel with no significant vegetation. Since the area was previously residential, the material is probably a combination of native material and, if there were basements, imported fill.

The office building was surveyed by RMS and the report is included as Attachment A. The building had asbestos containing material (ACM):

Poor Quality Source Document

**The following document images
have been scanned from the best
available source copy.**

**To view the actual hard copy, contact the
Superfund Records Center at 303-312-6473**



FIGURE I

PHOTO DATE: 4-25-1970

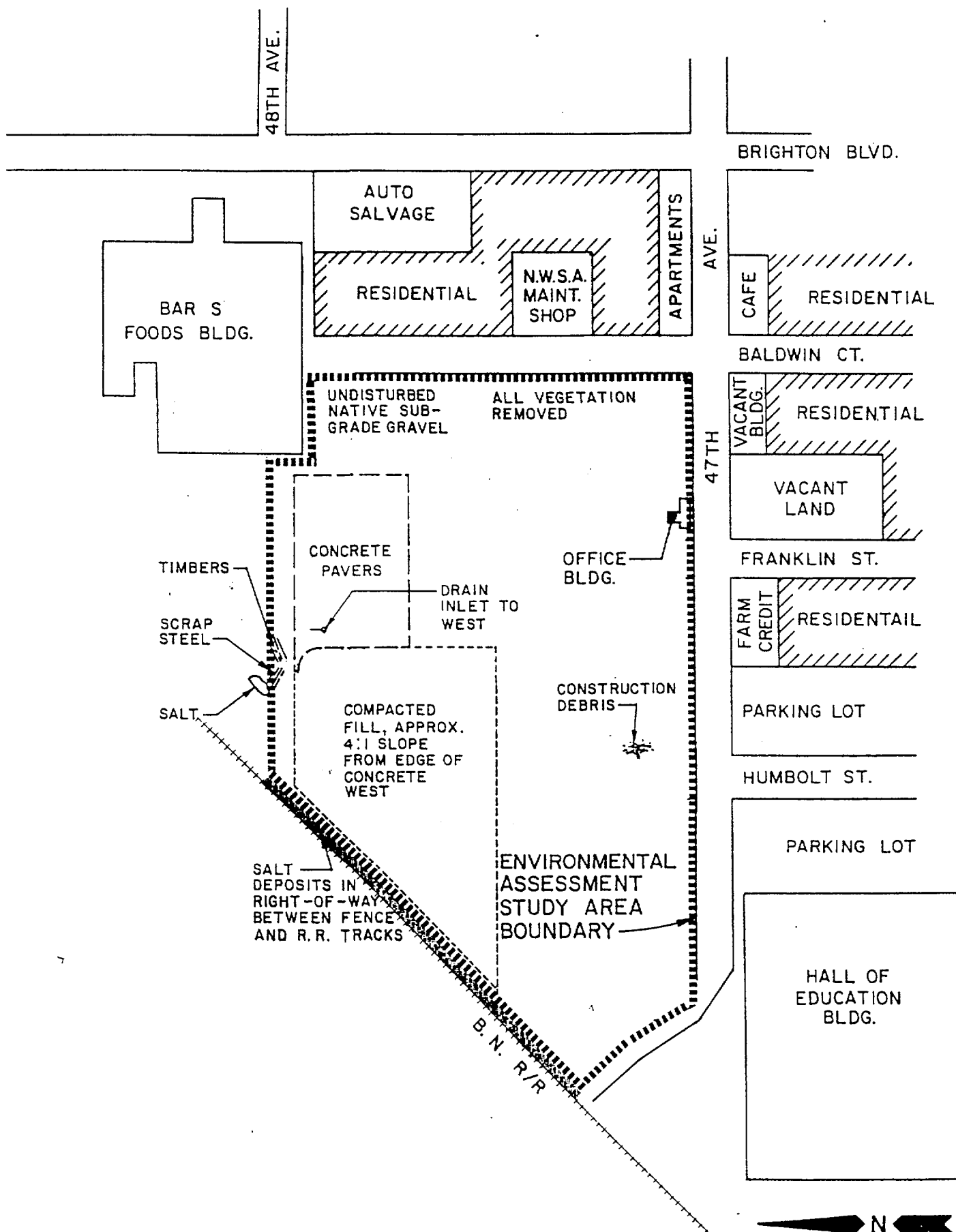


FIGURE II

N
APPROX. SCALE
1" = 200'

- In the wall plaster and paper and the wall plaster and paint above the ceiling tile in the bathroom
- In the linoleum under the kitchen counter in the kitchen
- In the roof

The report states that "none of this material is friable and, at this time, presents no danger to the inhabitants. If removal of this material is contemplated or modification may disturb the material, steps should be taken to protect the environment from exposure to asbestos fibers."

The cost for removal of the material was estimated to be \$5,500.00. This cost excluded the roofing which was not considered friable.

The southern and southwestern portion of the property contains some construction debris, asphalt parking and open storage for supplies and equipment related to the construction of the Hall of Education Building. The northwestern portion of the site consists of compacted fill at a slope of approximately 4:1. East of the compacted fill are concrete pavers which are the remnants of a cattle unloading and holding facility.

Along the fence on the north portion of the site there are discarded timbers and scrap steel. No drums or any other indication of hazardous material was seen in the piles. A mound of salt is located along the fence line, approximately 100 feet east of the railroad right-of-way. According to the Bar S Foods Company, the salt was dumped there by one of its vendors. RMS had collected samples of the material during the Phase 1 assessment and the laboratory results verified that the material was salt. The Stock Show has recently agreed to remove the material as part of a cooperative agreement for use of Bar S Foods property.

Except for the asbestos in the office building, no contamination or indications of past contamination were identified during the site inspection. There were also no wetlands identified in the study area.

ON-SITE CONCERNS

Historic Uses

The historic uses for the study area are shown on Figure 1. Figure 1 is a 1970 photograph which was selected because it was a good representation of past uses prior to the recent demolition activities. The identification of past uses was based on personal communications with Larry (Cookie) Perry, a 30-year

The Western Stock Show Association

March 4, 1991

Page 3

employee of the Stock Show and a review of historic aerial photographs. The past uses of the property are indicated on the Figure 1, 1970 overlay.

Residential Areas

Most of the area between Baldwin Court and Franklin Street was residential. Another residential area was located between Franklin Street and Humboldt Street on the south side of the study area. Except for the existing structure on 47th Avenue and Franklin Street, all of the residences have been demolished and removed from the site.

Since the area is served by natural gas from Public Service Company of Colorado, it is unlikely that underground fuel tanks were used for home heating purposes. Removal of demolition material provides assurance that asbestos has not been left on site. Also, the Stock Show and the demolition contractor require asbestos to be removed prior to demolition. There is no reason to believe that the activities in the residential areas have resulted in contamination of the property.

Cattle Pens

Cattle pens and unloading facilities are located on the north side of the property on Franklin Street. The pens have been razed with the only remnants being the concrete pavers and some of the unloading equipment. The pens are not a likely source of contamination.

Commercial Uses

The western portion of the site was used for commercial purposes. A bar was located on the northeast corner of Humboldt Street and 47th Avenue. A truck garage (not shown on the photograph) was located on the northwest corner of this intersection. An older railroad right-of-way map indicated that a Sinclair Service Station was located at the south end of the truck garage, along 47th Avenue. Larry Perry had no recollection of this garage nor was there any indication that it was actually there based on a review of the 1950 and 1970 aerial photographs.

Jerry's Garage was located northeast of the intersection of Lafayette Street and 47th Avenue. Ward's Hotel (not shown on photograph) was located just north of Jerry's Garage. Jerry's Garage did have underground fuel storage tanks which were removed. A discussion of these tanks is included in another section of this report.

The Western Stock Show Association

March 4, 1991

Page 4

On the west side of Humboldt Street, just south of the 48th street alignment was a building which housed Arch Sales Company and Omaha Standard. Arch Sales Company was a distributor of grooming supplies for animals. Omaha Standard fabricated truck boxes.

On the east side of Humboldt Street, south of 48th Avenue was Yockey Truck Yard and a service garage. Underground fuel storage tanks were located at the Yockey Truck yard but were removed in 1990. These tanks are discussed in another section of this report.

The only other known commercial activity was located west of Franklin Street, midway between 47th and 48th Avenues. The Yockey trucking company constructed a building and installed underground fuel storage tanks. This building and the tanks were later used by Western Wellchem, a manufacturer of oil well drilling chemicals. According to Amos Ownbey of the Stock Show, Western Wellchem used the tanks for storage of solvents. The tanks have been since removed and an environmental assessment completed. A discussion of these tanks will be included in another section of this report.

The commercial facilities which were located in the study area could have used hazardous materials in their operations. However, the project team found no evidence indicating that these operations have resulted in contamination of the subject property. No further investigation of the area where these commercial facilities were located should be necessary.

UNDERGROUND STORAGE TANKS

The Figure 1, 1990 overlays show the three underground storage tank locations which have been identified on the Phase 2 property.

Jerry's Garage

The tank on the southwestern portion of the site were from Jerry's Garage. Jerry's Garage was located northeast of the intersection of Lafayette Street and 47th Avenue. Stock Show personnel stated that underground fuel storage tanks had been removed from the property in 1972 (personal communication between Larry Perry and RMS).

During the Phase 1 environmental assessment, it was determined that an investigation of this site would be appropriate to verify that there was no evidence of contamination from these tanks. On July 19, 1990, A.G. Wassenaar conducted a drilling and sampling program in the area where the tanks would have been located. The location was determined from analyzing aerial photographs and from Larry Perry's memory of the location of the tanks. Two soil borings were

The Western Stock Show Association

March 4, 1991

Page 5

made in this area. Soil from the borings was analyzed at a commercial laboratory with no contamination detected. The results of the soil sampling program are included in the July 27, 1990 A.G. Wassenaar report (Attachment B). Based on the field investigation and the report of the removal of the tanks, it is reasonable to assume that there has been no significant contamination from the Jerry's Garage underground fuel storage tanks.

Yockey Trucking

Yockey Trucking had underground fuel storage tanks which were removed in July, 1990. The location of the tanks are identified on the two Figure 1 overlays. On July 19, 1990 A.G. Wassenaar conducted a drilling and sampling program in the location where the tanks were removed. The soil samples were analyzed with total recoverable petroleum hydrocarbons reported at 26.7 and 64.3 parts per million (ppm). Since this level was below the Colorado Department of Health 100 ppm action level, the A.G. Wassenaar recommendation was that "no further action be taken at this site with regard to soil testing." A copy of the Wassenaar report is included as Attachment C.

Western Wellchem

As indicated on the Figure 1 overlays, underground storage tanks were located in the center of the Phase 2 site in line with Franklin Street. The tanks were constructed and used by the owner of Yockey Trucking, Western Wellchem and the Stock Show, respectively. According to the Stock Show, Western Wellchem used the tanks for the storage of solvents. When Western Wellchem vacated the site, the Stock Show used them for their own fuel supplies.

The tanks were removed on December 7, 1988 by Wayne Gomez Demolition and Excavating, Inc. The removal was monitored and documented by C.R. Adams Company. A copy of the report was provided by Gomez and is included as Attachment D. Two soil samples were collected beneath the center-line of the excavated tanks and submitted to an independent laboratory for total petroleum hydrocarbon analysis. The results were reported as "not detected." The author of the report said "We do not believe the level of petroleum contamination indicated by these tests represents an environmental hazard." He went on to say that "We do not believe additional clean-up action or disposal of excavated soils is required at the site."

OFF-SITE CONCERNS

Off-site concerns were identified through inspection, review of aerial photographs and from a records search conducted by Environmental Database, Inc. The parameters for the data search for a one mile radius from the following data bases:

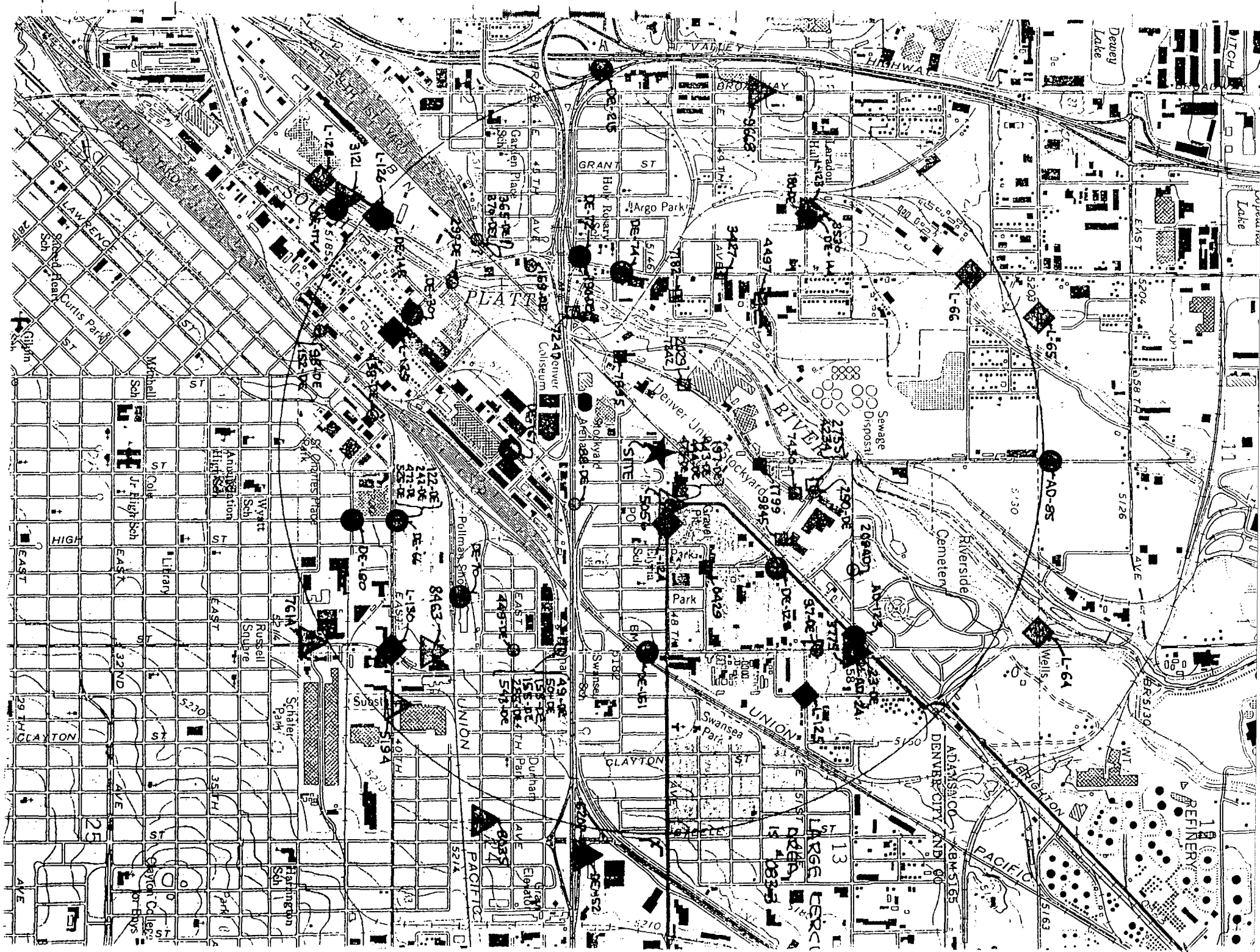
- NPL/Superfund Sites
- CERCLA Sites
- ERNS Hazardous Materials Spills
- EPA Waste Landfill Database
- State - Active and Closed Landfills
- RCRA Generator and TSD Facilities
- RCRA Corrective Action Sites
- Leaking Underground Storage Tanks

The search encountered the following occurrences:

- 0 (no) NPL/Superfund Sites
- 11 CERCLA Sites
- 29 Reported Hazardous Material Spills
- 0 (no) Reported EPA RCRA Landfills
- 10 Reported State Landfills
- 47 RCRA Generator/TSD Facilities
- 0 (no) RCRA Corrective Action Sites
- 17 Leaking Underground Storage Tanks

The locations for these occurrences is shown on Figure 3. The reports are included as Attachment E. The RCRA Generator/TSD Facilities were only plotted within 0.5 miles because there were so many of them. There were 13 facilities located within the 0.5 mile range.

The occurrences of significance are those within a close proximity to the site, especially the ones to the southeast. The southeast area should be considered upgradient because the direction of ground water flow is probably to the northwest, towards the Platte River. This assumption is substantiated by Industrial Compliance, Inc which is conducting an environmental assessment of an underground storage tank leak in an area southwest of Phase 2.



MAP GUIDE



CERCLA SITE



Landfill



RCRA Generator / TSD Facility



Leaking Underground Storage Tank



Hazardous Material Spill

Hazardous Material Spills

Map number 88-DE. A spill of 40 gallons of asphalt was reported spilled at I-70 and Brighton Boulevard on August 23, 1983. The cause was indicated to be "improper storage on truck." The spill of asphalt should not be considered an environmental concern.

There were four spills identified on Bar S Foods property at 4801 Brighton Boulevard. They are:

<u>Map No.</u>	<u>Date</u>	<u>Quantity</u>	<u>Material</u>	<u>Cause of Spill</u>
197-DE	12/12/85	500 pounds	Ammonia	Hose rupture
443-DE	12/8/88	Unknown	Other Oil	Defective Valves
444-DE	12/8/88	300 gallons	Ammonia	Defective Valves
473-DE	10/29/89	5000 pounds	Ammonia	Pipe rupture

On December 6, 1990, Hydro-Triad staff interviewed Duane Cahill, General Manager of Bar S. Foods. Mr. Cahill said that all of the ammonia spills were contained within the buildings. He could not recall the report of "unknown other oil spill." However, this report indicated that the spill was caused by a defective valve and which was located within the facility. Due to the nature of the spill materials and the containment within the building, it is reasonable to assume that there was no environmental degradation that affected the Phase 2 property.

CERCLA Site

The CERCLA site of concern is located northeast of the intersection of 48th Avenue and Brighton Boulevard. The EPA identification number is COD980635056. The site description is reported as:

"Hazardous Material Disposed: Sanitary sewage sludge, industrial, commercial, municipal, household and small quantities of unknown hazardous wastes. Site began operation on an unknown date as a landfill. Ceased operation in about 1965. The site is not and never has been on the proposed and/or final NPL (National Priority List)."

The last activity listed in the report was a state fund financed screening site inspection of July 21, 1989. Since the site is not located upgradient from the Phase 2 site, no further investigation was deemed necessary by Hydro-Triad staff.

Landfills

The only landfill which is near the site is identified on the Figure as L-124. The database reports the landfill at North Williams Street and 48th Avenue. The landfill is most likely the same one previously identified as the 48th Avenue and Brighton Boulevard CERCLA site.

WETLANDS

The site was inspected on November 1, 1990. There were no wetlands on the Phase 2 study area site.

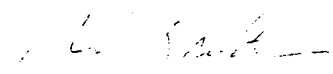
CONCLUSIONS

Hydro-Triad and RMS have reviewed the available information and did not find any past or present discharges or uses which would indicate environmental degradation of the subject property. The asbestos in the residential/office building does not present a danger to inhabitants in its present condition. Asbestos removal will be required during the demolition of the residential/office building in accordance with standard procedures.

Hydro-Triad, Ltd. and Risk Management Services, Inc. appreciate the opportunity to assist the National Western Stock Show in this evaluation. If you have any questions or comments, please contact us.

Sincerely,

HYDRO-TRIAD, LTD.


Gerald W. Knudsen, P.E.
Senior Environmental Engineer

GWK:jm
xc: 386-002

ATTACHMENT A
RMS REPORT



Risk Management Services, Inc.

January 29, 1991

National Western Stock Show Association
Attention: Mr. Jack Byrnes
C/O Newcastle Construction Company
1114 West 7th Avenue
Denver, Colorado 80204

Subject: Building Survey for Asbestos Contain Materials (ACM)
4700 Franklin Street Building, Denver, Colorado
Performed For: National Western Stock Show Association
47th Avenue and Humboldt Street, Denver, Colorado

Dear Jack:

In compliance with a directive from Amos Owenby, Risk Management Services, Inc., conducted a building survey to locate, identify and quantify asbestos containing materials (ACM) in the structure located at 4700 Franklin Street, Denver, Colorado. This survey was conducted on January 22, 1991.

ACM was identified in this structure. It is present in the wall plaster and paper and the wall plaster and paint above the ceiling tile in the bathroom. It is also present in the linoleum under the kitchen counter in the kitchen. The roof also contains 5-10% chrysotile. None of this material is friable and, at this time, presents no danger to the inhabitants. If removal of this material is contemplated or modification may disturb the material, steps should be taken to protect the environment from exposure to asbestos fibers.

The cost of removal of the ACM is estimated to be \$5,500.00. This does not include the roofing which is not considered friable, even though some precautions may have to be observed if any work is to be done on this roof.

The accompanying report is a tabulation of the bulk samples taken for the survey and indicates those material containing asbestos as well as those materials sampled which were found not to be asbestos containing.

Should you have any questions concerning this report or wish further information please call at any time.

Sincerely,
RISK MANAGEMENT SERVICES, INC.

Marvin H. Estes
Marvin H. Estes

Enclosure: Bulk Sample Report

BUILDING SURVEY FOR ACM
LOCATION: 4700 FRANKLIN STREET
DENVER, COLORADO
DATE: JANUARY 22, 1991

SAMPLE NO.	DESCRIPTION	% ASBESTOS
BU-1	Paint between paper & plaster ceiling by South florescent light fixture.	None detected
BU-2	Paper & Paint 43" East of West wall by South florescent light fixture.	None detected
BU-3	Ceiling tile 45" East of West wall by South florescent light fixture.	None detected
BU-4	Plaster from ceiling 12" West of East wall maintenance room.	None detected
BU-5	White floor tile and mastic under rug and pad at doorway to kitchen.	None detected
BU-6	Green floor tile and mastic under rug and pad in doorway to kitchen.	None detected
BU-7	White tile under rug and pad and BU-5 and BU-6 in doorway to kitchen.	None detected
BU-8	White floor tile and mastic in bathroom under rug and pad at Southeast corner from sink.	None detected
BU-9	White floor tile and mastic under rug, pad and BU-8.	None detected
BU-10	Wall paper on upper half of bathroom.	None detected
BU-11	Wall plaster & paper above ceiling tile by elec. chase. (Asbestos in plaster)	1-3% Chrysotile
BU-12	Ceiling plaster & paint above ceiling tile by elec. chase (Asbestos in plaster)	1-3% Chrysotile
BU-13	Linoleum under kitchen cabinets 2nd door from North lower shelf.	None detected

BUILDING SURVEY FOR ACM (CONTINUED)

LOCATION: 4700 FRANKLIN STREET

DENVER, COLORADO

DATE: JANUARY 22, 1991

PAGE 2 OF 2

BU-14	Linoleum under kitchen counter 3rd door from upper shelf.	50-60% Chrysotile
BU-15	White floor tile, mastic and rug padding under rug Southeast corner of kitchen by elec. outlet.	None detected
BU-16	2nd layer floor tile from same location as BU-15.	None detected
BU-17	Rug sample inside door to center office, East side.	None detected
BU-18	Brick and mortar from wall behind furnace.	None detected
BU-19	Roofing material from extreme Southeast corner of patio roof. (Typical of all roofing.)	5-10% Chrysotile
BU-20	Plaster from outside of building Northeast corner.	None detected

ATTACHMENT B
WASSENAAR REPORT
JERRY'S GARAGE



A. G. WASSENAAR, INC.

GEOTECHNICAL CONSULTANTS

PHONE: 303/759-8100

FAX: 756-2920

2180 S. IVANHOE, SUITE 5

DENVER, COLORADO 80222

UNDERGROUND STORAGE TANK SOIL TESTING STUDY FOR

NATIONAL WESTERN STOCK SHOW
47TH AND HUMBOLDT
DENVER, COLORADO

PREPARED FOR

RISK MANAGEMENT SERVICES, INC.
3705 KIPLING, SUITE 201
WHEAT RIDGE, COLORADO 80033

AUGUST 1, 1990
PROJECT NUMBER 11423-A

Underground Storage Tank Soil Testing Study
National Western Stock Show
47th & Humboldt
Denver CO
August 1, 1990

Purpose

At the request of Mr. Marvin Estes of Risk Management Services, Inc., A. G. Wassenaar, Inc. (AGW) conducted sampling and analysis in an area on the National Western Stock Show premises where an underground storage tank (UST) was reportedly used during the 1970s. It was reported by Mr. Lawrence Perry that one UST was used in this area and may have been previously removed. The subsoil in this general vicinity was sampled and analyzed to ascertain the current condition of the subsurface environment with respect to petroleum hydrocarbons.

Introduction

On July 14, 1990, AGW personnel visited the site located approximately 400 feet west of the intersection of 47th and Humboldt Streets in Denver, Colorado. Mr. Perry, a 35-year veteran with the National Stock Show Association, was at the site and identified the general vicinity of where the UST was buried. AGW mobilized a drill rig and crew and drilled two soil borings, as shown on Figure 1. The soil borings were advanced, using a 4-inch diameter, continuous flight auger powered by a CME drilling rig. The two soil borings, TB-4 and TB-5, were advanced in the general vicinity that reportedly contained one UST to a total depth of 14 feet. At frequent intervals, samples of the subsoils were taken using a split spoon sampler which is driven into the soil by dropping a 140-pound hammer through a free fall of 30 inches. The split spoon sampler is a 2.0-inch outside diameter device. The number of blows required to drive the sampler into the soils is known as a penetration test. The number of blows required for the sampler to penetrate 12 inches gives an indication of the consistency or relative density of the soils encountered. Soil samples were analyzed visually for soil classification purposes and evaluation

for contamination characteristics (i.e., soil, color, organic vapors), as shown on Figure 2. Soil samples obtained from the two soil borings showed no signs of contamination (hydrocarbon odors and visible soil staining).

Test Borings TB-4 and TB-5 indicate the subsoils in general consist of 14 feet of very loose, gravelly sand. One soil sample was obtained from each test boring at a depth of 14 feet. The two soil samples were mixed in a stainless steel bucket, and one sample labeled TB-4/TB-5 was obtained and submitted to Evergreen Analytical Inc. (EAI), Wheat Ridge, Colorado, for analysis.

Photo-ionization Readings

Field analyses for hydrocarbons in soil samples were conducted using a photo-ionization detector (PID). The PID allows detection of volatile organic compounds with an ionization potential of 10.6 ev or less, such as benzene (a common component of gasoline). Analyses with this instrument in the field is only semi-quantitative. To perform the analysis, we placed a soil sample in a sealed container and inserted the PID sample probe into the container to allow an air sample to be drawn from the head space in the sample container. The maximum reading for each sample was recorded. Measurements are recorded in Relative Response Units (RRU) which are a relative indication of volatile organic concentrations. Field tests for these two borings showed no PID reading (refer to Figure 2 for the specific depths of these PID readings).

Laboratory Test Results

A total of one (1) soil sample was submitted to EAI and analyzed by Environmental Protection Agency (EPA) test method 418.1 for total recoverable petroleum hydrocarbons (TRPH) and by the EPA method 8020 for benzene, toluene, ethylbenzene, and xylene (BTEX). These test methods are suitable for analyzing gasolines and diesel range fuels.

The laboratory test results are contained in Attachment A and summarized below:

<u>Location</u>	<u>Matrix</u>	<u>Depth (ft)</u>	<u>Parameter</u>	<u>Results (ppb)¹</u>	<u>Results (ppm)²</u>
TB-4/TB-5	Soil	14	Benzene	ND ³	
			Toluene	ND	
			Ethylbenzene	ND	
			Total Xylenes	ND	
			TRPH ⁴		ND

(1) ppb = parts per billion

(2) ppm = parts per million

(3) ND = not detected

(4) TRPH = total recoverable petroleum hydrocarbons


Conclusions

AGW drilled two test borings in an area that reportedly contained one UST. Two soil samples were obtained and analyzed for gasoline and diesel range fuels. Laboratory test results and physical observations indicate that no petroleum hydrocarbons were identified within the soil.


Sincerely,

A. G. WASSENAAR, INC.





Brian J. Glade, P.E.
Senior Environmental Engineer

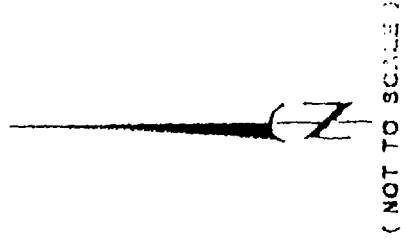
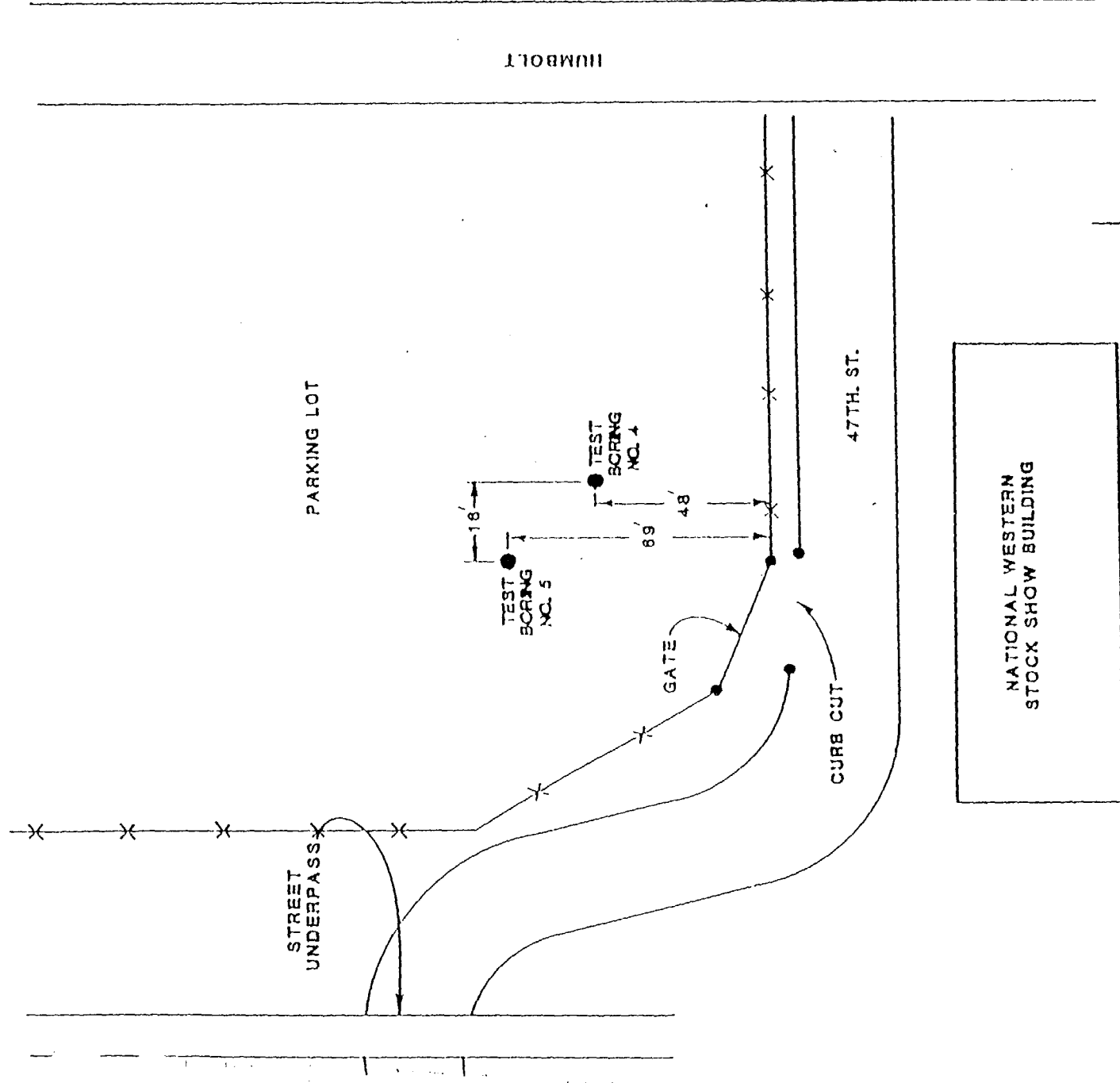


Allen G. Wassenaar, P. E.
President

BJG/AGW/rj

Statement of Services

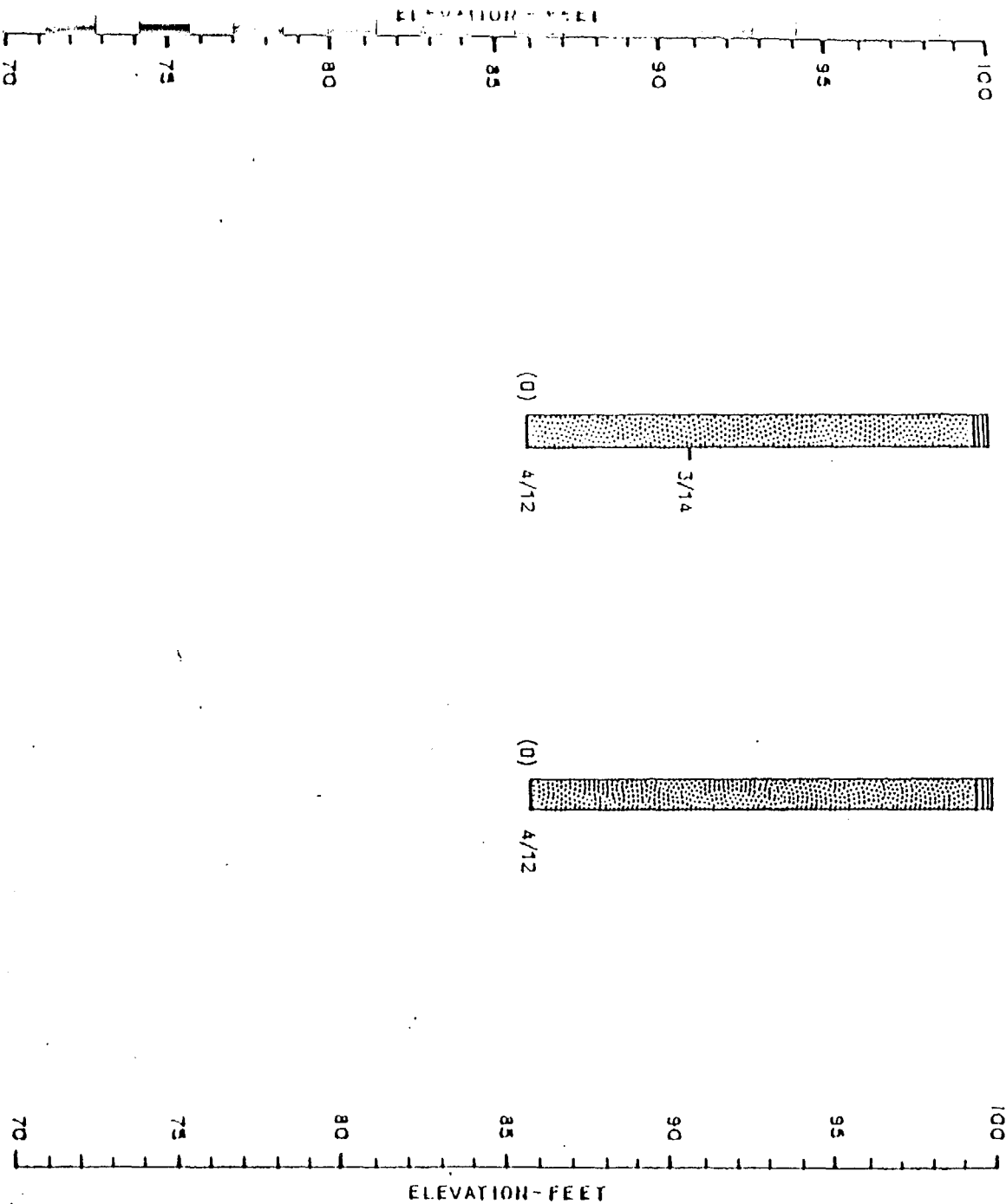
How much confidence
in Boring location vs
prev. UST location?



SITE PLAN
FIGURE 1

TEST
BORING
NO. 4
ELEV. 100

TEST
BORING
NO. 5
ELEV. 100



SECOND

ASPHALT (3")



SAND, very loose, slightly gravelly, fine to medium grained, moist, brown (SW)

6/8 indicates that 6 blows of a 140 pound hammer falling 50 inches are required to drive a 2-inch diameter sampler 3 inches.

(0) indicates photo-ionization detector (PID) readings in relative response units.

NOTES

1. Test borings were drilled July 19, 1990 with a 4-inch diameter continuous flight power auger.
2. Locations of test borings were measured by pacing from features shown on the site plan provided by others.
3. Elevations are approximate and refer to the topographic site plan provided by others.
4. The horizontal lines shown on the logs are to differentiate materials and represent the approximate boundaries between materials. The transitions between materials and represent the approximate boundaries between materials. The transitions between materials and represent the approximate boundaries between materials.
5. Drill logs shown in this report are subject to the limitations, explanations, and conclusions of this report.

LOGS OF EXPLORATORY BORINGS
FIGURE 2

ATTACHMENT A
LABORATORY TEST RESULTS

Evergreen Analytical, Inc.



4036 Youngfield Street
Wheat Ridge, CO 80033-3865
(303) 425-6021
FAX (303) 425-6854

July 26, 1990

Mr. Brian Glade
A. G. Wassenaar
2180 S Ivanhoe, #5
Denver, CO 80222

Data Report : 90-07-3123-8509-A
Client Project : 11423-A

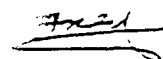
Dear Mr. Glade:

Enclosed are the analytical results for the samples shown in the Sample Log Sheet. Also enclosed is an invoice for this work. If you have any questions concerning the reported information, please contact Carl Smits or me.

The samples marked for return on the Sample Log Sheet will be returned one week from the date of this letter. Two (2) weeks from the date of this report, samples not marked for return will be disposed of by us and samples placed on "hold" but not analyzed will be returned.

Thank you again for using the service of Evergreen Analytical.

Sir


Barney
Ident

EVERGREEN ANALYTICAL, INC
4036 Youngfield St. Wheat Ridge, CO 80033
(303) 425-6021

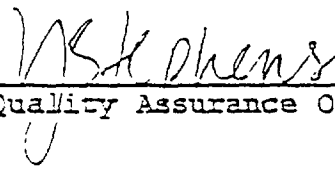
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Date Received : 7/19/90 Client Project : 11423-A
Date Sampled : 7/19/90 Lab Project No.: 8509-A
Date Prepared : 7/19/90 Method : EPA 418.1
Date Analyzed : 7/19/90

<u>Evergreen</u> <u>Sample No.</u>	<u>Client</u> <u>Sample No.</u>	<u>Matrix</u>	<u>TRPH*</u>
X23831	TB-4/5	"	<3.03 "

Reported values based on specific gravity of 1.0; Detection
limit 3.03 mg/Kg for soils.


Approved


Quality Assurance Officer

EVERGREEN ANALYTICAL, INC.
4036 Youngfield St. Wheat Ridge, CO 80033
(303)425-6021

BTEX Data Report

Sample # : TB-4/5
Sample # : X23831 Client Project # : 11423-A
Date Sampled : 07/19/90 Lab Project # : 8509-A
Date Received : 07/19/90 Dilution Factor : 1.000
Date Extracted/Prepared : 07/23/90 Method : 8020
Date Analyzed : 07/23/90 Matrix : Soil
Percent Loss on Drying : NA Lab File No. : PID5628
Methanol extract? : No Method Blank No. : MB07/23/90

Compound Name	Cas Number	Concentration ug/Kg	PQL* ug/Kg
Benzene	71-43-2	U	4
Toluene	108-88-3	U	4
o-Xyl Benzene	100-41-4	U	4
m-Xylenes	1330-20-7	U	---

Spigate Recoveries;
p-Trifluorotoluene

83%

DEFINITIONS:

- Compound analyzed for, but not detected.
- Indicates an estimated value when the compound is detected, but is below the CLP Practical Quantitation Limit (PQL).
- Compound found in blank and sample. Compare blank and sample data.
- The Practical Quantitation Limit is equal to the dilution factor multiplied by ten times the Method Detection Limit as determined by EPA SW846, Vol. 1B, Part II, pa. 8000-14.
- Not applicable or not available.

Approved: Q. Spencer

VR. Stephens
Quality Assurance Officer

forms\btex.pln

EVERGREEN ANALYTICAL, INC.
4036 Youngfield St. Wheat Ridge, CO 80033
(303)425-6021
BTEX Data Report
Method Blank Report

Method Blank Number : MB07/23/90 Client Project No. : 11423-A
Sample Extracted/Prepared : 07/23/90 Lab Project No. : 8509-A
Sample Analyzed : 07/23/90 Dilution Factor : 1.000
Method : 8020
Matrix : Water
Lab File No. : PID5612

Compound Name	Cas Number	Concentration ug/L	PQL* ug/L
Toluene	71-43-2	U	4
Xylenes	108-88-3	U	4
Benzene	100-41-4	U	4
o-Xylenes	1330-20-7	U	---

Spigate Recoveries;
a-Trifluorotoluene 105%

NOTES:

Compound analyzed for, but not detected.

Indicates an estimated value when the compound is detected, but is below the CLP Practical Quantitation Limit (PQL).

Compound found in blank and sample. Compare blank and sample data.

The Practical Quantitation Limit is equal to the dilution factor multiplied by ten times the Method Detection Limit as determined by EPA SW846, Vol. 1B, Part II, pa. 8000-14.

Not applicable or not available.

Prepared by: D. Blacn

V. Kerkens
Quality Assurance Officer

forms\btax.pln

GA M3 07/23/90

BLANK

BTX 8720

P105612

07/23/90

TET SURROGATE

ATTACHMENT C
WASSENAAR REPORT
YOCKEY TRUCKING



A. G. WASSENAAR, INC.

GEOTECHNICAL CONSULTANTS

PHONE: 303/759-8100

FAX: 756-2920

2180 S. IVANHOE, SUITE 5

DENVER, COLORADO 80222

UNDERGROUND STORAGE TANK SOIL TESTING STUDY FOR

NATIONAL WESTERN STOCK SHOW
47TH AND HUMBOLDT
DENVER, COLORADO

PREPARED FOR

RISK MANAGEMENT SERVICES, INC.
3705 KIPLING, SUITE 201
WHEAT RIDGE, COLORADO 80033

JULY 27, 1990
PROJECT NUMBER 11423

Underground Storage Tank Soil Testing Study
National Western Stock Show
47th & Humboldt
Denver CO
July 27, 1990

Purpose

At the request of Mr. Marvin Estes of Risk Management Services, Inc., A. G. Wassenaar, Inc. (AGW) conducted sampling and analysis on soil below three underground storage tanks (USTs). It was reported by Mr. Estes that two USTs were removed from a common excavation on the south end of an existing floor slab and that one UST was removed from the east end of the floor slab, as shown on Figure 1. The floor slab and USTs were used as part of a shop building for the National Western Stock Show. The three USTs were removed on June 29, 1990, by Wayne Gomez Demolition and Excavating, Inc. AGW obtained soil samples from below the tank areas to complete final closure requirements according to the current federal regulations for USTs (Code of Federal Regulations, 40 CFR, Part 280, Subpart 6).

Introduction

On July 14, 1990, AGW personnel visited the site located at 1440 North Humboldt Street, Denver, Colorado. Mr. Estes was at the site and detailed the site history and location of the USTs. He provided information concerning the excavation and removal of three USTs by Wayne Gomez Demolition and Excavating, Inc. (see Attachment A). These records include an inspection report by the City and County of Denver Fire Prevention Bureau, which indicated that no visible contamination was present below any of the three USTs removed.

Tank Excavation 1

On July 14, 1990, Mr. Brian Glade, Senior Engineer for AGW, mobilized a drill rig and crew to the subject property and drilled three soil borings, as shown on Figure 1. The soil borings were advanced, using a 4-inch diameter, continuous flight auger powered by a

CME drilling rig. Two soil borings, TB-1 and TB-2, were advanced within the excavation that reportedly contained two tanks to a total depth of 14 feet. Test Boring 3 was drilled to a total depth of 9 feet within the excavation that contained a single waste tank. At frequent intervals, samples of the subsoils were taken using a split spoon sampler which is driven into the soil by dropping a 140-pound hammer through a free fall of 30 inches. The split spoon sampler is a 2.0-inch outside diameter device. The number of blows required to drive the sampler into the soils is known as a penetration test. The number of blows required for the sampler to penetrate 12 inches gives an indication of the consistency or relative density of the soils encountered. Soil samples were analyzed visually for soil classification purposes and evaluation for contamination characteristics (i.e., soil, color, organic vapors), as shown on Figure 2. Soil samples obtained from the three soil borings showed no signs of contamination (hydrocarbon odors and visible soil staining).

Test Borings TB-1 and TB-2 indicate the subsoils in general consist of 11 feet of man-placed, very loose, sand with some concrete debris, overlying a dense gravelly sand. One soil sample was obtained from each test boring at a depth of 14 feet. The two soil samples were mixed in a stainless steel bucket, and one sample labeled TB-1/TB-2 was obtained and submitted to Evergreen Analytical Inc. (EAI), Wheat Ridge, Colorado, for analysis.

Test Boring TB-3 indicated the subsoils consist of 8 feet of man-placed, very loose sand, with some concrete debris overlying a dense, gravelly sand. One soil sample was obtained from the test boring at 9 feet of depth and submitted to EAI for analysis. A more complete description of the subsoils is shown on Figure 2.

Photo-ionization Readings

Field analyses for hydrocarbons in soil samples were conducted using a photo-ionization detector (PID). The PID allows detection of volatile organic compounds with an ioniza-

tion potential of 10.6 ev or less, such as benzene (a common component of gasoline). Analyses with this instrument in the field is only semi-quantitative. To perform the analysis, we placed a soil sample in a sealed container and inserted the PID sample probe into the container to allow an air sample to be drawn from the head space in the sample container. The maximum reading for each sample was recorded. Measurements are recorded in Relative Response Units (RRU) which are a relative indication of volatile organic concentrations. Field tests for these three borings ranged from 0 to 2 RRU (refer to Figure 2 for the specific depths of these PID readings).

Laboratory Test Results

A total of two (2) soil samples were submitted to EAI and analyzed by Environmental Protection Agency (EPA) test method 418.1 for total recoverable petroleum hydrocarbons (TRPH) and by the EPA method 3020 for benzene, toluene, ethylbenzene, and xylene (BTEX). These test methods are suitable for analyzing gasolines and diesel range fuels. The laboratory test results are contained in Attachment B and summarized below:

<u>Location</u>	<u>Matrix</u>	<u>Depth (ft)</u>	<u>Parameter</u>	<u>Results (ppb)¹</u>	<u>Results (ppm)²</u>
TB-1/TB-2	Soil	14	Benzene	ND ³	
			Toluene	ND	
			Ethylbenzene	ND	
			Total Xylenes	ND	
			TRPH ⁴		25.7
TB-3	Soil	9	Benzene	ND	
			Toluene	ND	
			Ethylbenzene	ND	
			Total Xylenes	ND	
			TRPH		64.3

(1) ppb = parts per billion

(2) ppm = parts per million

(3) ND = not detected

(4) total recoverable petroleum hydrocarbons

Laboratory test results have identified TRPH within the soil on the site.

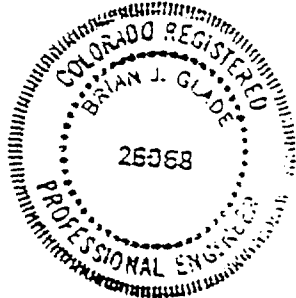
Colorado currently has no regulations regarding permissible levels of TRPH. The Colorado Department of Health (CDH) has suggested an action level at 100 ppm or greater of TRPH in soil. Levels less than this have been determined to be potentially of no regulatory significance. These values are only a guide and should not be considered a regulatory criteria.


Recommendations


AGW would recommend no further action be taken at this site with regard to soil testing. This report should be submitted to the CDH Underground Storage Tank Division as part of final closure requirements.

Sincerely,

A. G. WASSENAAR, INC.




Brian J. Glade, P.E.
Senior Environmental Engineer


Allen G. Wassenaar, P. E.
President

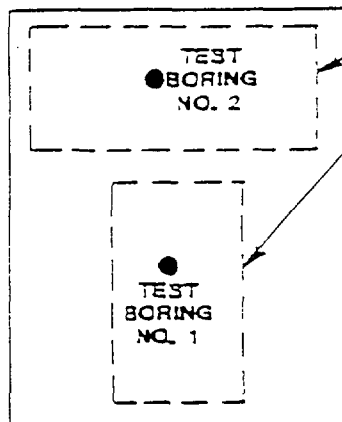
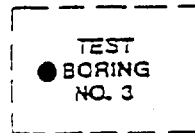
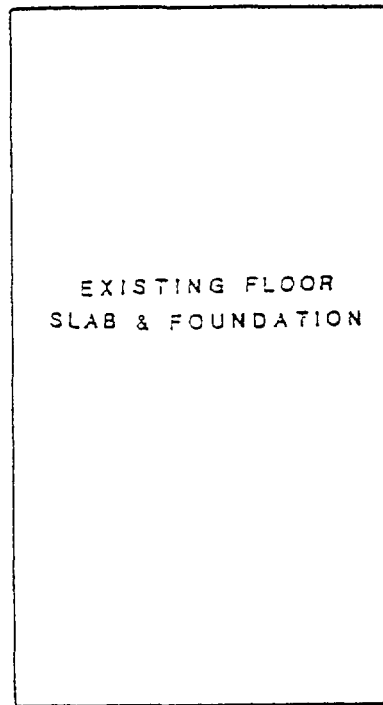
BJG/AGW/rj

Statement of Services

FENCE

TO SCALE)

4770 N. HUMBOLDT



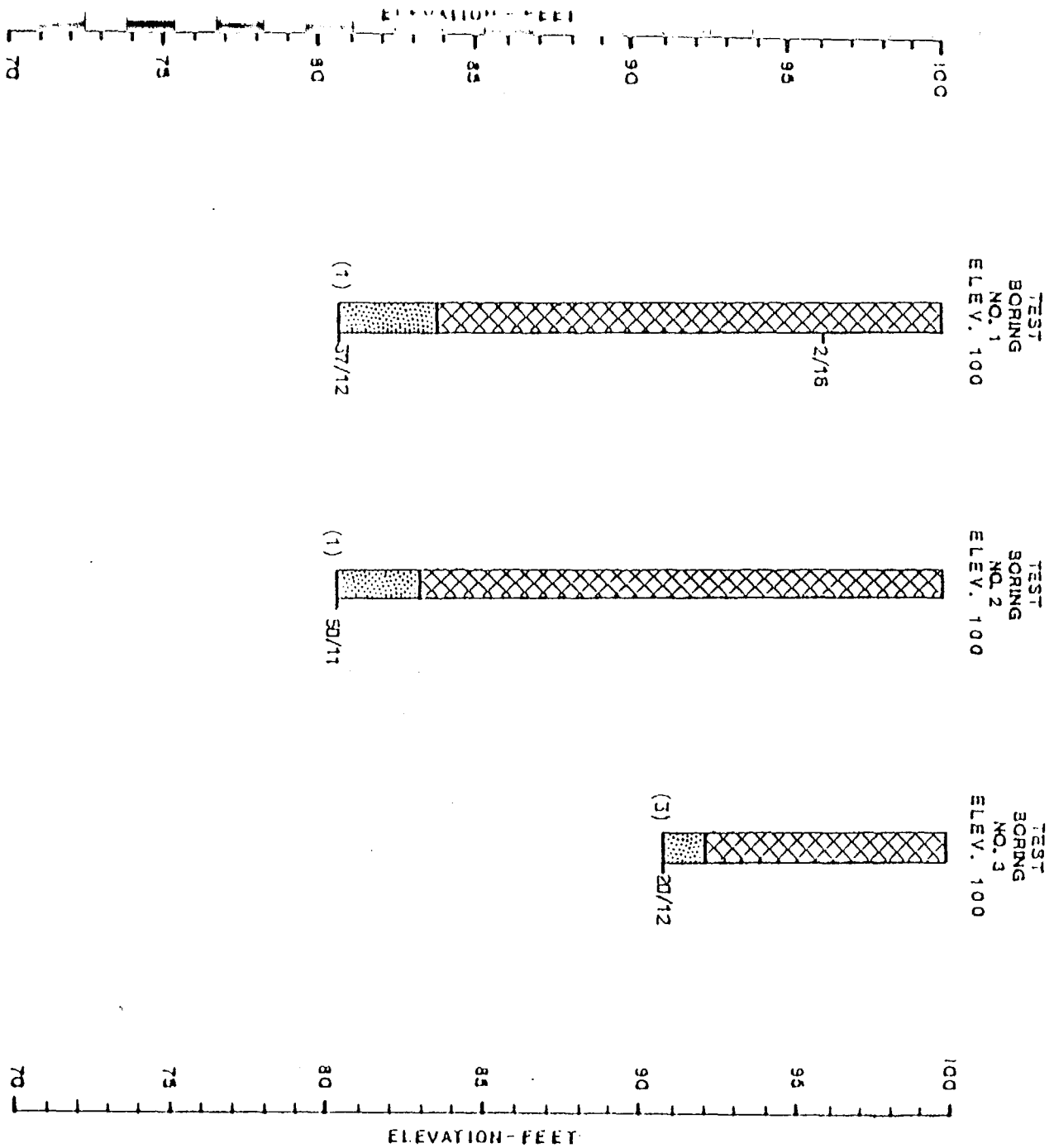
REPORTED TANK LOCATION

EXCAVATION LIMITS

LEGEND

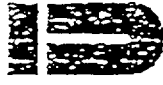
● TEST BORINGS

SITE PLAN
LOCATIONS OF EXPLORATORY BORINGS
FIGURE 1



LOGS OF EXPLORATORY BORINGS
FIGURE 2

ATTACHMENT A
UNDERGROUND STORAGE TANK CERTIFICATES



DU-WALD STEEL CORPORATION
COMMERCIAL IRON AND METAL COMPANY, INC.

July 5, 1990

Mr. Lawrence Perry
NATIONAL WESTERN STOCK SHOW
1325 East 46th Avenue
Denver, Colorado 80216

Dear Mr. Perry:

On June 19, 1990, the Wayne Gomez Demolition Company removed one (1) 1,000 gallon underground storage tank from your facility at 4770 Humboldt in Denver, Colorado. This tank has been processed at Du-Wald Steel Corporation as scrap iron for remelting purposes only.

Sincerely,

DU-WALD STEEL CORPORATION



General Manager

:ck

cc: Wayne Gomez Demolition



CITY AND COUNTY OF DENVER
DEPARTMENT OF FIRE



Lt. Richard Reilly

Fire Prevention Bureau
745 W. Colfax Ave., 30204
Phone: (303) 573-5522

CITY AND COUNTY OF DENVER
DEPARTMENT OF FIRE



Fire Prevention Bureau
745 W. Colfax Ave., 30204
Phone: (303) 573-5522



City and County of Denver
Denver Fire Department
Fire Prevention Bureau
745 W. Colfax Ave.
Denver, CO 80204 373-6522

STORAGE TANK PERMIT

Number 22-90-0106

Type 22

ME: Firm, Corporation, individual

APPLICATION DATE

NETTOMI STOCK HOW SHOPS

6/5/90

STREET ADDRESS (where tanks are installed)

EP CODE

PHONE

4770 HUMBERT

INSTALLER

PHONE

INSTALLER ADDRESS

CITY

STATE EP CODE

INSTALLATION INFORMATION

TANK MANUFACTURER

DISTRIBUTOR

TANK TYPE

☐ Above Ground

☐ Vaulted

☐ Buried

PROPERTY TYPE

☐ Private Property

☐ Public Property

TYPE PRODUCTS

☐ Petroleum

☐ Chemical

OTHER PERMITS

☐ Public Works Permit

☐ Zoning Permit

TANK INFORMATION

☐ Double Walled Tank

☐ Vapor Monitoring

☐ Leak Detector

NUMBER OF EXISTING
Tanks

☐ Secondary Containment

☐ Suction Pump

☐ Emergency Shutoff Valve

☐ Overfill Protection

☐ Pressure Pump

☐ Emergency Power Shutoff

PRODUCT

CAPACITY

U.L. NUMBER

TANK CONSTRUCTION

TANK REMOVAL

CONTRACTOR NAME

ADDRESS

CITY

STATE

EP CODE

CONET DEMOLITION P.O. Box 1253

ARVADA

CO

80001

METHOD

☐ Removed

☐ Filled

REASON

☐ Evidence of Leakage

☐ Free Liquid

☐ Wet/Moist Soil

☐ Additional Testing Needed

ADDITIONAL ACTION

☒ Soil Report Required

☐ Remediation Necessary

Tested for Flammable Vapors

☒ Yes
☐ No

RESULTS

147 - 67

DISPENSERS - PUMPS - PIPING

Describe

3 TANKS TO BE REMOVED

N/A VISIBLE CONTAMINATION

DATE INSPECTED

INSPECTED BY

6/7/90

[Signature]

Wayne Gomez Demolition & Excavating, Inc.

P.O. Box 1233 • Arvada, Colorado 80001

(303) 297-5555

Colorado Division of Labor
Oil Inspection Division, UST Program
1001 E. 62 Ave., Bldg. 1
Denver, Colorado 80216

Attn: Mr. Michael J. Powell
State Inspector of Oils

Re: Proposed UST Remediation

Mr. Powell:

Per your requirements, please consider this correspondence as ten day notification of our intent to remove the existing UST's at the following location:

LOCATION OF REMOVAL 4750 Humboldt Street

Denver, Colorado 80216

Owner: National Western Stockshow

TANKS TO BE REMOVED 500gal. Steel (Gasoline)

1000gal. Steel (Diesel)

2000gal. Steel (Diesel)

SITE ASSESSMENT TO BE DONE BY:

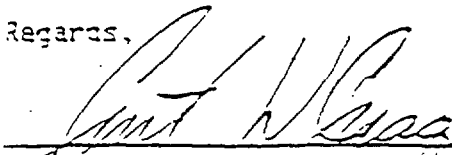
Risk Management Services

LOCAL FIRE DEPARTMENT NOTIFIED:

Denver Fire Department

Thank you for your assistance in this matter.

Regards,



Cliff W. Greager

Date Submitted: 5-25-90



DEPARTMENT OF LABOR AND EMPLOYMENT

DIVISION OF LABOR
OIL INSPECTION SECTION

1001 E. 12th Ave., Bldg. 1
DENVER, CO 80216

ACK # 451

To: CURT CRAGER - WAYNE GOMEZ DEMOLITION
P.O. BOX 1233
ARAPAJO COLO 80001

Dear Sir or Madam:

Your notice of intent to close or remove 3 underground storage tanks at FACILITY WESTERN STORE SHOW STREET 4750 HUMBOLDT CITY DENVER has been received by the State Oil Inspection Section. FAC. REG. NO. COOS-14 OWNER ID. NO. 5244

☐ No. of tanks, Size, or contents of tanks not included.

☐ Actual location of tanks is not clearly stated.

☐ No record has been found for this facility. Are there any other underground storage tanks at the facility? If there are other tanks or if you own any other unregistered tanks, please notify SOIS.

☐ No mention of a "site assessment" was made. (You must assess the tank site for possible contamination at the time of closure)

☐ You must also notify the Fire Department having jurisdiction over the facility, and make sure that no building permit is required by zoning commission.

☒ No Problems With The Notice.

REMOVE (1) 500 GAL, (1) 1,000 GAL AND (1) 2,000 GAL TANKS. ALL TANKS REMOVED.

DATE 6/1/90 SIGNATURE

Oil Inspection Section - COLE - R. J. GROUP Staff Engineer

Note: If contamination is found during the site assessment: You must file a "CORRECTIVE ACTION" plan with the Hazardous Materials Division of the Colorado Health Department - 4210 E. 11th Ave. Denver, Co. 80220 - Tel. (303) 331-4830

ATTACHMENT B
LABORATORY TEST RESULTS

Evergreen Analytical, Inc.



4036 Youngfield Street
Wheat Ridge, CO 80033-3865
(303) 425-6021
FAX (303) 425-6654

July 26, 1990

Mr. Brian Glade
A. G. Wassenaar
2180 S Ivanhoe, #5
Denver, CO 80222

Data Report : 90-07-3122-8509
Client Project : 11423

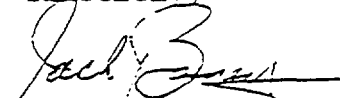
Dear Mr. Glade:

Enclosed are the analytical results for the samples shown in the Sample Log Sheet. Also enclosed is an invoice for this work. If you have any questions concerning the reported information, please contact Carl Smits or me.

The samples marked for return on the Sample Log Sheet will be returned one week from the date of this letter. Two (2) weeks from the date of this report, samples not marked for return will be disposed of by us and samples placed on "hold" but not analyzed will be returned.

Thank you again for using the services of Evergreen Analytical.

Sincerely,


John H. Barney
President

EVERGREEN ANALYTICAL, INC.
4036 Youngfield Wheat Ridge, CO 80033
(303)425-6021

SAMPLE LOG SHEET

Client A. G. WASSENAAR INC
Address 2180 SO EVANHOE #5
DENVER, CO 80222
Contact R. KLINE
Sampled 7/19/90 Received 7/19/90 2:30
Report Due 7/25/90 Holding Time 3/2/90
Client Project # 11423
Client P.O. # 11423
Phone # 759-3100 Fax # 756-2920
Shipping Charges —
Special Instructions _____

Project # 8509
Airbill # HAND DELIVERED
Custody Seal present? no
intact?
COC present? no
Sample Tags present? yes
Sample Tags # listed? yes
Custodian, Date [Signature] 11/19/90
Fax Results? yes

[illegible]

Samples to be returned

W. H. H. H. H.

EVERGREEN ANALYTICAL, INC
4036 Youngfield St. Wheat Ridge, CO 80033
(303) 425-6021

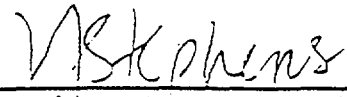
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Date Received : 7/19/90 Client Project : 11423
Date Sampled : 7/19/90 Lab Project No.: 8509
Date Prepared : 7/19/90 Method : EPA 418.1
Date Analyzed : 7/19/90

<u>Evergreen</u> <u>Sample No.</u>	<u>Client</u> <u>Sample No.</u>	<u>Matrix</u>	<u>TRPH*</u>
X23829	TB-1/TB-2	Soil	26.7 mg/Kg
X23830	TB-3	"	64.3 "

*Reported values based on specific gravity of 1.0; Detection
limit 3.03 mg/Kg for soils.


Approved


Quality Assurance Officer

EVERGREEN ANALYTICAL, INC.
4036 Youngfield St. Wheat Ridge, CO 80033
(303)425-6021

BTEX Data Report

Client Sample # : TB-1/TB-2
Sample # : X23829 Client Project # : 11423
Date Sampled : 07/19/90 Lab Project # : 8509
Date Received : 07/19/90 Dilution Factor : 1.000
Date Extracted/Prepared : 07/23/90 Method : 8020
Date Analyzed : 07/23/90 Matrix : Soil
Percent Loss on Drying : NA Lab File No. : PID5625
Methanol extract? : No Method Blank No. : MB07/23/90

Compound Name	Cas Number	Concentration ug/Kg	PQL* ug/Kg
Benzene	71-43-2	U	4
Toluene	108-88-3	U	4
Ethyl Benzene	100-41-4	U	4
Total Xylenes	1330-20-7	U	---

Prorogate Recoveries;
m,p,a-Trifluorotoluene 96%

QUALIFIERS:

- Compound analyzed for, but not detected.
- Indicates an estimated value when the compound is detected, but is below the CLP Practical Quantitation Limit (PQL).
- Compound found in blank and sample. Compare blank and sample data. The Practical Quantitation Limit is equal to the dilution factor multiplied by ten times the Method Detection Limit as determined by EPA SW846, Vol. 1B, Part II, pa. 8000-14.
- Not applicable or not available.

Approved: S. Blaser

V. Skopkins
Quality Assurance Officer

forms\btex.pln

504 X23829 TB-1/TB-2 44-1 RTEX 8020 2105/625

07/23/00

TEST SURROGATE

22.272

EVERGREEN ANALYTICAL, INC.
4036 Youngfield St. Wheat Ridge, CO 80033
(303)425-6021

BTEX Data Report

Client Sample # : TB-3
Sample # : X23830 Client Project # : 11423
Date Sampled : 07/19/90 Lab Project # : 8509
Date Received : 07/19/90 Dilution Factor : 1.000
Date Extracted/Prepared : 07/23/90 Method : 8020
Date Analyzed : 07/23/90 Matrix : Soil
Percent Loss on Drying : NA Lab File No. : PID5626
Methanol extract? : No Method Blank No. : MB07/23/90

Compound Name	Cas Number	Concentration ug/Kg	PQL* ug/Kg
Benzene	71-43-2	U	4
Toluene	108-88-3	U	4
o-Xyl Benzene	100-41-4	U	4
Total Xylenes	1330-20-7	U	---

Recovery Recoveries;
1,3,5-Trifluorotoluene

63%

DEFINITIONS:

- Compound analyzed for, but not detected.
- = Indicates an estimated value when the compound is detected, but is below the CLP Practical Quantitation Limit (PQL).
- = Compound found in blank and sample. Compare blank and sample data. The Practical Quantitation Limit is equal to the dilution factor multiplied by ten times the Method Detection Limit as determined by EPA SW846, Vol. 1B, Part II, pa. 8000-14.
- Not applicable or not available.

Approved:

O. Blawie

V. Stephens

Quality Assurance Officer

forms/btex.pln

X23330 TB-3 df:1 BEX 8070 PIDS 626

REM SURROGATE

25.981
25.579
25.000
27.701
27.912
25.935
25.934
25.934

Client Project No.	: 11423
Lab Project No.	: 8509
Dilution Factor	: 1.000
Method	: 8020
Matrix	: Water
Lab File No.	: PID5612

Compound Name	Cas Number	Concentration ug/L	PQL* ug/L
benzene	71-43-2	0	4
toluene	108-88-3	0	4
ethyl benzene	100-41-4	0	4
	1330-20-7	0	---

1053

A = Not applicable or not available by EPA SW-846

Approved: S. Black

c M.R. 07/23/90 BLANK STEX 9020 P105612
07/23/90

NOT SURROGATE

ATTACHMENT D

**C.R. ADAM CO. REPORT
UST - WESTERN WELLCHEM SITE**

C.R. Adams Company

December 21, 1988

Wayne Gomez Demolition & Excavating, Inc.
P.O. Box 1233
Arvada, Colorado 80001

Attention: Mr. Wayne Gomez

Subject: Underground Storage Tank Removal
Documentation and Testing
Denver Stock Yards
47th Avenue and Franklin Street, Denver, Colorado
Job No. 1008

Dear Mr. Gomez:

Our firm was asked to monitor and observe the removal of three abandoned underground storage tanks at the site located on the northeast side of the intersection of 47th Avenue and Franklin Street in Denver, Colorado, as indicated on Fig. 1. This letter presents a summary of the excavation activities at the site on December 7, 1988, the results of geochemical soil testing and documentation of the tank removal.

Three tanks were present at the site. They were two fuel storage tanks of approximately 2000 and 8000 gallon capacity and one small waste oil tank. All three tanks were in the same excavation. The tank locations are shown on Figure 1 in relation to the existing structures on the property. No other tanks were reported at the time of the investigation.

As the tanks were excavated, our representative monitored the soils for indication of petroleum contamination. The soils at the bottom of the tank pit did not give off any noticeable petroleum odor. Neither were any discolored soils observed in the excavation. The excavated tanks were inspected for corrosion. Minor surface

Wayne Gomez, Inc.
December 21, 1988
Job No. 1008
Page 2

corrosion was observed, but the tanks appeared to be in tact.

Representatives of the State Oil Inspector's Office and the Denver Fire Department were present at the site during the tank removal procedures. Photos of the tank and the excavation are attached at the end of this letter.

Two soil sample were collected beneath the center-line of the excavated tanks and submitted to an independent laboratory for total petroleum hydrocarbon analysis by gas chromatography. The results are presented below:

Sample 1 (2000 gallon)	Not Detected (10 mg/kg DL)
Sample 2 (8000 gallon)	Not Detected (10 mg/kg DL)

Note: Milligrams per kilogram (mg/kg) is equivalent to parts per million (ppm).
DL = Detection Limit

We do not believe the level of petroleum contamination indicated by these tests represents an environmental hazard. To give a rough guage of the relevance of the data, an appropriate action level at which additional cleanup and investigation might be necessary would be 50 mg/kg of total petroleum hydrocarbons in the soils immediately around the tank if ground water was not affected.

The results of our inspection and geochemical tests indicate very little petroleum contamination remains in the tank pit as a result of leakage of product from the tank. We do not believe

Wayne Gomez, Inc.
December 21, 1988
Job No. 1008
Page 3

additional clean-up action or disposal of excavated soils is required at the site.

This investigation was limited in scope. The data reported here only relates to the inspected tank pit area and is not meant to be a comprehensive study of the entire site. We appreciate the opportunity to work with you on this project. If we may answer any questions about the information presented in this letter, please call.

Very Truly Yours,

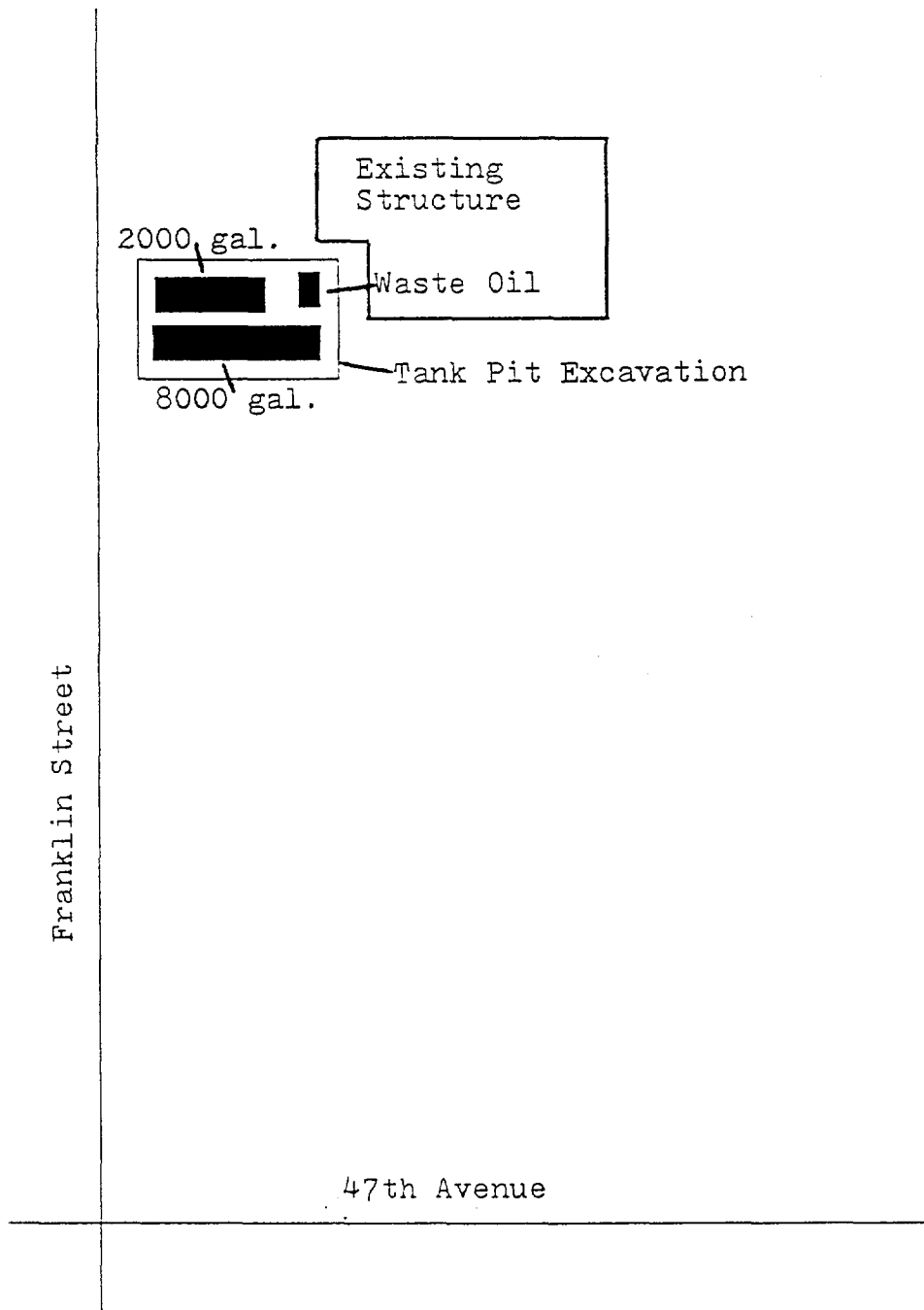
CRACO, INC.



Charles R. Adams
Consulting Geologist

CRA:11

cc: Denver Stock Yard



Not to scale

1" roughly equals 50 ft

APPROXIMATE TANK LOCATIONS

Denver Stock Yards, 47th and Franklin

Photographs of Tank Removal

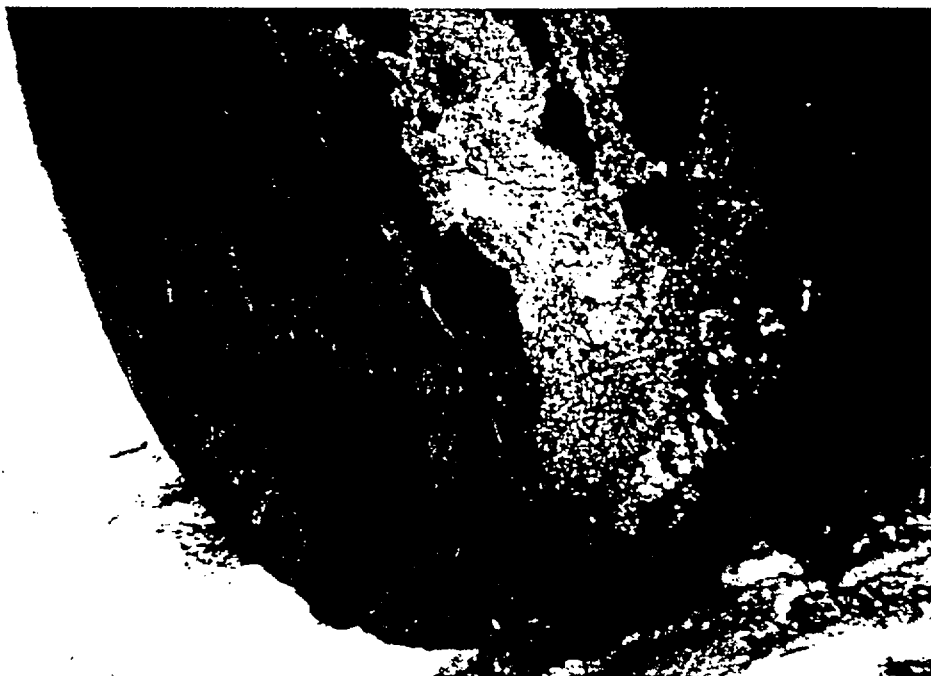


Photo 1: 8000 gallon tank after removal.



Photo 2: 2000 gallon tank after removal.

Photographs of Tank Removal



Photo 3: Tank Excavation.

ATTACHMENT E

**ENVIRONMENTAL DATABASE REPORT
OFFSITE CONCERNS**

Environmental Database Inc.
2200 West Berry Avenue - Suite #4
Littleton, Colorado 80120
(303) 794-8389

HYDRO-TRIAD, LTD
1310 Wadsworth Blvd.
Suite 100
Lakewood, Colorado 80215
Attention: Gerald Knudsen

November 7, 1990

Dear Mr. Knudsen:

On November 2, 1990 I received a request for a site-specific data search for the following area:

National Stock Show: 47th - 48th Avenue/Railroad Right-Of-Way
- Baldwin Court Area

The parameters of this search was for a 1 mile radius around the site address, and the information needed was a complete data search and mapping package.

This search covered the following databases:

1) NPL/Superfund Sites	Updated 9/01/90
2) CERCLA Sites	Updated 8/01/90
3) ERNS Hazardous Material Spills	Updated 9/01/90
4) EPA Waste Landfill Database	Updated 7/01/90
5) State - Active & Closed Landfills	Updated 10/01/90
6) RCRA Generator & TSD Facilities	Updated 7/01/90
7) RCRA Corrective Action Sites	Updated 9/01/90
8) Leaking Underground Storage Tanks	Updated 9/20/90

(Note - ERNS is the Environmental Protection Agency's EMERGENCY RESPONSE NOTIFICATION SYSTEM for reporting hazardous material spills.)

The search we performed encountered the following occurrences:
0 NPL/Superfund Sites

11 CERCLA Sites
29 Reported Hazardous Material Spills
0 Reported EPA RCRA Landfills
10 Reported State Landfills
47 RCRA Generator/TSD Facilities
0 RCRA Corrective Action Sites
17 Leaking Underground Storage Tanks

There are a few items I wish to discuss regarding the data search. I have organized the report in terms of the data searches.

RCRA Generator & TSD Facilities

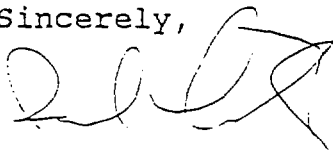
Per our phone conversation on November 5, Environmental Dtabase was to only map the RCRA Facilities in a 1/2 mile radius. There were 13 facilities in the 1/2 mile radius.

Hazardous Material Spill Reports

Besides the Hazardous Spills reported, there were 21 references in the EPA Spill Database of Hazardous Spills occurring in the Union Pacific Railroad Yards. Unfortunately no other information was available on the location or amounts spilled. There was no data to identify which of the Union Pacific Yards the spills took place in. There are 3 main yards in the Denver area. And the one mile search does encompass 1 of the yards. I can investigate this matter further if you so desire.

If there are any questions, please feel free to contact me.
Thank you again for doing business with Environmental Database.

Sincerely,



Paul Lehnertz

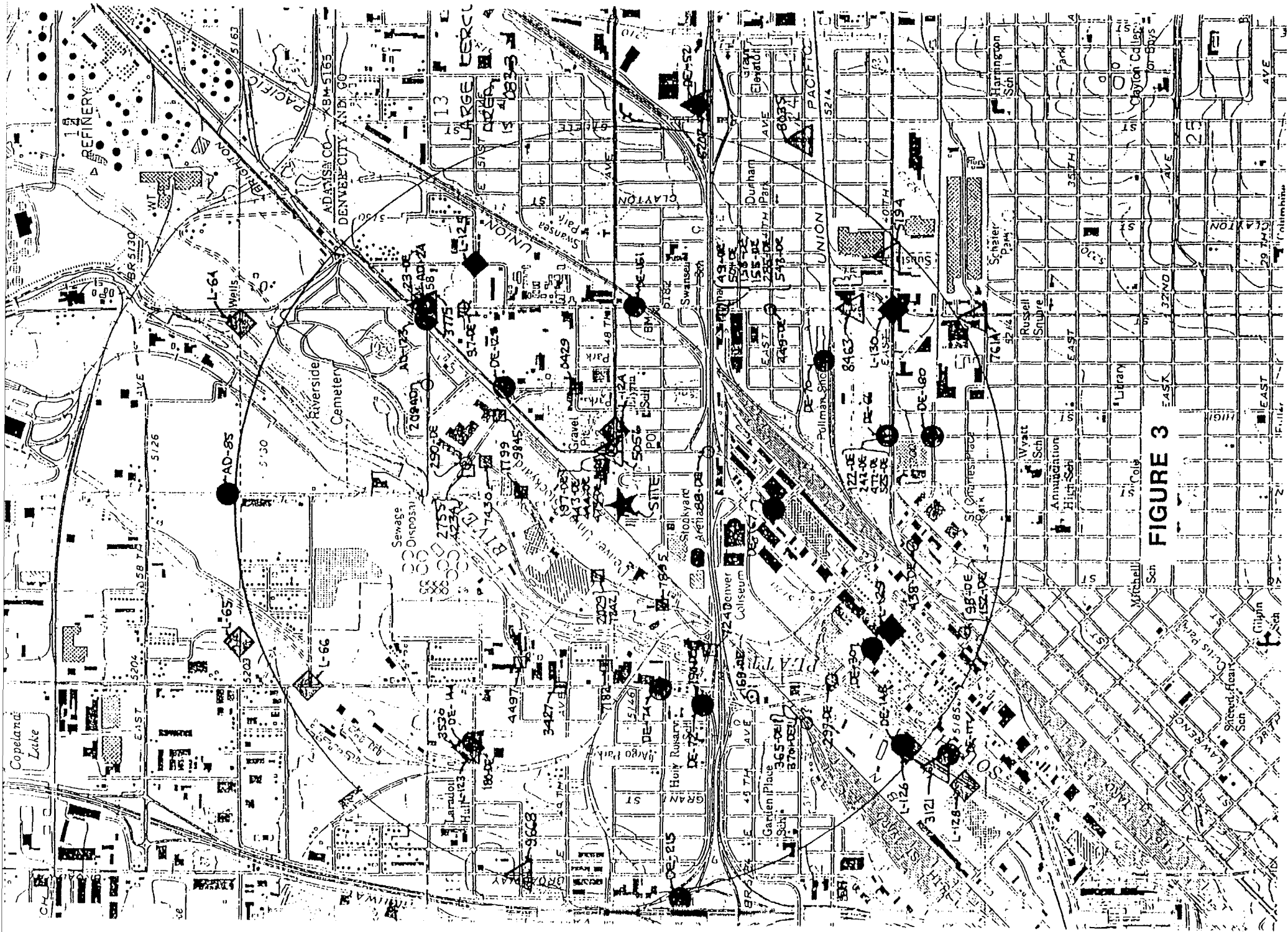


FIGURE 3

MAP GUIDE



CERCLA SITE



Landfill



RCRA Generator / TSD Facility



Leaking Underground Storage Tank



Hazardous Material Spill

CERCLA SITES

CERCLA MAP KEY

Map #	CERCLA Site ID #
0833	COD981550833
3121	COD042163121
3530	COD007063530
3775	COD982583775
5056	COD980635056
6207	COD009826207
8035	COD007058035
7614	COD007067614
8463	COD007068463
8730	COD048128730
9668	COD076459668

CERCLA SITE INVENTORY

EPA Facility ID Number: COD981550833
EPA Region Number: 08

Site Name: SOUTH ADAMS COUNTY (PRIVATE WELLS)

Site Address: BND BY: BRIGHTON BLVD, 88 & 48 AVE, HW 2
City: COMMERCE CITY

County: ADAMS County Code: 001
State: Colorado Congressional District: 06
Zip Code: 80022

USGS Hydrological Unit: 10190003

Site Description:

NPL Status Of The Site:
The Site Is Not And Never Has Been On The
Proposed and/or Final NPL

Date Of Last Update: 11/21/89

Alias Site Name(s):
SOUTH ADAMS COUNTY (PVT. WELLS)

Miscellaneous Alias Information:

Site Ownership Indicator: Unknown
Federal Facility Flag: Is Not A Federal Facility
Associated With A RCRA Facility:
Site Incident Category: Has Not Been Determined
Oil Spill Incident: Non-Oil Spill

Site Information Continued...

Page 353.1

Site: COD981550833
SOUTH ADAMS COUNTY (PRIVATE WELLS)

SITE DISPOSITION INFORMATION

Current Disposition Of The Site:
SITE EVALUATION/DISPOSITION

Known Areas Of Concern At The Site:

Miscellaneous Disposition Information:

===== EPA Events That Have Occurred At The Site =====

Event Name: DISCOVERY OF A SITE
Completion Date: 09/15/87
Group Responsible: EPA - Fund Financed

Event Name: PRELIMINARY ASSESSMENT
Completion Date: 05/01/84
Group Responsible: EPA - Fund Financed

Event Name: SCREENING SITE INSPECTION
Completion Date: 12/22/87
Group Responsible: EPA - Fund Financed

Event Name:
Completion Date:
Group Responsible:

Event Name:
Completion Date:
Group Responsible:

Event Name:
Completion Date:
Group Responsible:

End Of Site Information...

CERCLA SITE INVENTORY

EPA Facility ID Number: COD042163121
EPA Region Number: 08

Site Name: YELLOW CAB CO, INC.

Site Address: 3400 RINGSBY CT
City: DENVER

County: DENVER County Code: 031
State: Colorado Congressional District: 01
Zip Code: 80216

USGS Hydrological Unit: 10190003

Site Description:
HAZ/MAT DISPOSED: SANITARY SEWAGE SLUDGE, INDUSTRIAL,
COMMERCIAL, MUNICIPAL & HOUSEHOLD WASTES MIXED WITH SMALL
QUANTITIES OF UNKNOWN HAZARDOUS WASTE. BEGAN AND CEASED
OPERATIONS ON AN UNKNOWN DATE AS A DISPOSAL SITE.

NPL Status Of The Site:
The Site Is Not And Never Has Been On The
Proposed and/or Final NPL

Date Of Last Update: 11/16/89

Alias Site Name(s):
YELLOW CAB CO, INC.

Miscellaneous Alias Information:

Site Ownership Indicator: Other-not given
Federal Facility Flag: Is Not A Federal Facility
Associated With A RCRA Facility:
Site Incident Category: Has Not Been Determined
Oil Spill Incident:

Site Information Continued...

Page 120.1

Site: COD042163121
YELLOW CAB CO, INC.

SITE DISPOSITION INFORMATION

Current Disposition Of The Site:
SITE EVALUATION/DISPOSITION

Known Areas Of Concern At The Site:

Miscellaneous Disposition Information:

===== EPA Events That Have Occurred At The Site =====

Event Name: DISCOVERY OF A SITE
Completion Date: 06/01/81
Group Responsible: EPA - Fund Financed

Event Name: PRELIMINARY ASSESSMENT
Completion Date: 03/01/84
Group Responsible: State - Fund Financed

Event Name: SCREENING SITE INSPECTION
Completion Date: 09/09/87
Group Responsible: EPA - Fund Financed

Event Name:
Completion Date:
Group Responsible:

Event Name:
Completion Date:
Group Responsible:

Event Name:
Completion Date:
Group Responsible:

End Of Site Information...

Page 120.2

CERCLA SITE INVENTORY

EPA Facility ID Number: COD007063530
EPA Region Number: 08

Site Name: ASARCO INC GLOBE PLANT

Site Address: 495 E 51ST AVE
City: DENVER

County: DENVER AND ADAMS County Code: 031
State: Colorado Congressional District: 05
Zip Code: 80216

USGS Hydrological Unit: 10190003

Site Description:
HAZ/MAT PRODUCED: FLUE DUST, SULFURIC ACID, CADMIUM,
LEAD, ARSENIC, CHROMIUM, INDIUM, & THALLIUM. LIQUID WASTES
WERE HANDLED IN TREATMENT PONDS (PH=10) WHICH WERE DE-
WATERED BY EVAPORATION.

NPL Status Of The Site:
The Site Is Not And Never Has Been On The
Proposed and/or Final NPL

Date Of Last Update: 11/21/89

Alias Site Name(s):
AMERICAN SMELTING AND REFINING CO.

Miscellaneous Alias Information:

Site Ownership Indicator: Other-not given
Federal Facility Flag: Is Not A Federal Facility
Associated With A RCRA Facility:
Site Incident Category: Has Not Been Determined
Oil Spill Incident: Non-Oil Spill

Site Information Continued...

Page 81.1

Site: COD007063530
ASARCO INC GLOBE PLANT

SITE DISPOSITION INFORMATION

Current Disposition Of The Site:
SITE EVALUATION/DISPOSITION

Known Areas Of Concern At The Site:

Miscellaneous Disposition Information:

===== EPA Events That Have Occurred At The Site =====

Event Name: DISCOVERY OF A SITE
Completion Date: 03/01/78
Group Responsible: EPA - Fund Financed

Event Name: FINAL HAZARD RANKING DETERMINED
Completion Date: 12/01/82
Group Responsible: EPA - Fund Financed

Event Name: PRELIMINARY ASSESSMENT
Completion Date: 11/01/79
Group Responsible: Other - No Further Information Given

Event Name: SCREENING SITE INSPECTION
Completion Date: 10/15/87
Group Responsible: EPA - Fund Financed

Event Name:
Completion Date:
Group Responsible:

Event Name:
Completion Date:
Group Responsible:

End Of Site Information...

Page 81.2

CERCLA SITE INVENTORY

EPA Facility ID Number: COD982583775
EPA Region Number: 08

Site Name: RIVERSIDE CEMETERY DRUMS

Site Address: 5200 YORK STREET
City: COMMERCE CITY

County: ADAMS County Code: 001
State: Colorado Congressional District: 06
Zip Code: 80022

USGS Hydrological Unit: 10190003

Site Description:
ABANDONED DRUMS IN A PUBLIC AREA. SITE INVESTIGATION
(02/10/87). ACTION MEMO TO BE DRAFTED.

NPL Status Of The Site:
The Site Is Not And Never Has Been On The
Proposed and/or Final NPL

Date Of Last Update: 10/29/89

Alias Site Name(s):

Miscellaneous Alias Information:

Site Ownership Indicator: Unknown
Federal Facility Flag: Is Not A Federal Facility
Associated With A RCRA Facility:
Site Incident Category: Has Not Been Determined
Oil Spill Incident: Non-Oil Spill

Site Information Continued...

Page 369.1

Site: COD982583775
RIVERSIDE CEMETERY DRUMS

SITE DISPOSITION INFORMATION

Current Disposition Of The Site:
SITE EVALUATION/DISPOSITION

Known Areas Of Concern At The Site:

Miscellaneous Disposition Information:

===== EPA Events That Have Occurred At The Site =====

Event Name: DISCOVERY OF A SITE

Completion Date: 01/06/87

Group Responsible: EPA - Fund Financed

Event Name: PRELIMINARY ASSESSMENT

Completion Date: 09/27/88

Group Responsible: State - Fund Financed

Event Name:

Completion Date:

Group Responsible:

Event Name:

Completion Date:

Group Responsible:

Event Name:

Completion Date:

Group Responsible:

Event Name:

Completion Date:

Group Responsible:

End Of Site Information...

CERCLA SITE INVENTORY

EPA Facility ID Number: COD980635056
EPA Region Number: 08

Site Name: OLD LANDFILL SITE

Site Address: 48TH & BRIGHTON BLVD
City: DENVER

County: DENVER County Code: 031
State: Colorado Congressional District: 01
Zip Code: 80216

USGS Hydrological Unit: 10190003

Site Description:

HAZ/MAT DISPOSED: SANITARY SEWAGE SLUDGE, INDUSTRIAL,
COMMERCIAL, MUNICIPAL, HOUSEHOLD & SMALL QUANTITIES OF
UNKNOWN HAZARDOUS WASTES. SITE BEGAN OPERATION ON AN
UNKNOWN DATE AS A LANDFILL. CEASED OPERATION IN ABOUT
1965.

NPL Status Of The Site:

The Site Is Not And Never Has Been On The
Proposed and/or Final NPL

Date Of Last Update: 11/28/89

Alias Site Name(s):
OLD LANDFILL SITE

Miscellaneous Alias Information:

Site Ownership Indicator: Private
Federal Facility Flag: Is Not A Federal Facility
Associated With A RCRA Facility:
Site Incident Category: Abandoned
Oil Spill Incident:

Site Information Continued...

Page 214.1

Site: COD980635056
OLD LANDFILL SITE

SITE DISPOSITION INFORMATION

Current Disposition Of The Site:
SITE EVALUATION/DISPOSITION

Known Areas Of Concern At The Site:

Miscellaneous Disposition Information:

===== EPA Events That Have Occurred At The Site =====
Event Name: DISCOVERY OF A SITE
Completion Date: 06/01/81
Group Responsible: EPA - Fund Financed

Event Name: PRELIMINARY ASSESSMENT
Completion Date: 09/01/86
Group Responsible: State - Fund Financed

Event Name: SCREENING SITE INSPECTION
Completion Date: 07/21/89
Group Responsible: State - Fund Financed

Event Name:
Completion Date:
Group Responsible:

Event Name:
Completion Date:
Group Responsible:

Event Name:
Completion Date:
Group Responsible:

CERCLA SITE INVENTORY

EPA Facility ID Number: COD009826207
EPA Region Number: 08

Site Name: PACIFIC INTERMOUNTAIN EXPRESS CO.

Site Address: 3223 E 46TH AVE
City: DENVER

County: DENVER County Code: 031
State: Colorado Congressional District: 01
Zip Code: 80216

USGS Hydrological Unit: 10190003

Site Description:

LITTLE IS KNOWN ABOUT HAZARDS PRESENT OR SIZE OF AREA
ACTUALLY CONTAINING THESE HAZARDS. TYPES OF MATERIALS KNOWN
TO BE ON SITE WERE SOLVENTS & SOAPS. BEGAN OPERATION ON AN
UNKNOWN DATE AS A TRUCK WASHING FACILITY. STILL ACTIVE IN
12/83.

NPL Status Of The Site:

The Site Is Not And Never Has Been On The
Proposed and/or Final NPL

Date Of Last Update: 11/28/89

Alias Site Name(s):

Miscellaneous Alias Information:

Site Ownership Indicator: Other-not given
Federal Facility Flag: Is Not A Federal Facility
Associated With A RCRA Facility:
Site Incident Category: Has Not Been Determined
Oil Spill Incident:

Site Information Continued...

Page 99.1

File: COD009826207
PACIFIC INTERMOUNTAIN EXPRESS CO.

SITE DISPOSITION INFORMATION

Current Disposition Of The Site:
SITE EVALUATION/DISPOSITION

Known Areas Of Concern At The Site:

Miscellaneous Disposition Information:

===== EPA Events That Have Occurred At The Site =====
Event Name: DISCOVERY OF A SITE
Completion Date: 05/01/81
Group Responsible: EPA - Fund Financed

Event Name: PRELIMINARY ASSESSMENT
Completion Date: 12/01/84
Group Responsible: State - Fund Financed

Event Name:
Completion Date:
Group Responsible:

Event Name:
Completion Date:
Group Responsible:

Event Name:
Completion Date:
Group Responsible:

Event Name:
Completion Date:
Group Responsible:

End Of Site Information...

CERCLA SITE INVENTORY

EPA Facility ID Number: COD007058035
EPA Region Number: 08

Site Name: DENVER METAL FINISHING

Site Address: 3100 EAST 43RD AVENUE
City: DENVER

County: DENVER County Code: 031
State: Colorado Congressional District: 01
Zip Code: 80216

USGS Hydrological Unit: 10190004

Site Description:

ZINC, NICKEL, CHROMIUM, COPPER PLATING; 100 GALLONS
OF SLUDGE FROM ZINC PROCESS ONLY, STORED ON SITE. ALSO 400
GALLON TANK OF TRICHLOROETHANE USED FOR DIPPING. NO RCRA
PERMIT ON FILE WITH EPA. ABOVE PER INTERVIEW W/LARRY
MORGAN, PRES., 8/19/86.

NPL Status Of The Site:

The Site Is Not And Never Has Been On The
Proposed and/or Final NPL

Date Of Last Update: 11/27/89

Alias Site Name(s):

Miscellaneous Alias Information:

Site Ownership Indicator: Other-not given
Federal Facility Flag: Is Not A Federal Facility
Associated With A RCRA Facility:
Site Incident Category: Has Not Been Determined
Oil Spill Incident:

Site Information Continued...

Page 71.1

Site: COD007058035
DENVER METAL FINISHING

SITE DISPOSITION INFORMATION

Current Disposition Of The Site:
SITE EVALUATION/DISPOSITION

Known Areas Of Concern At The Site:

Miscellaneous Disposition Information:

===== EPA Events That Have Occurred At The Site =====

Event Name: DISCOVERY OF A SITE
Completion Date: 06/06/86
Group Responsible: EPA - Fund Financed

Event Name: PRELIMINARY ASSESSMENT
Completion Date: 10/01/86
Group Responsible: EPA - Fund Financed

Event Name:
Completion Date:
Group Responsible:

Event Name:
Completion Date:
Group Responsible:

Event Name:
Completion Date:
Group Responsible:

Event Name:
Completion Date:
Group Responsible:

End Of Site Information...

CERCLA SITE INVENTORY

EPA Facility ID Number: COD007067614
EPA Region Number: 08

Site Name: COCA COLA BOTTLING COMPANY OF DENVER

Site Address: 3825 YORK
City: DENVER

County: DENVER County Code: 031
State: Colorado Congressional District: 01
Zip Code: 80205

USGS Hydrological Unit: 10190003

Site Description:

MATERIAL STORED: ENGINE OIL. ESTIMATED QUANTITIES OF
STORED WASTE: 500 GALLONS IN A TANK. SITE BEGAN OPERATION
ON AN UNKNOWN DATE AS A BOTTLING & DELIVERY COMPANY. SITE
WAS STILL ACTIVE IN 12/83. CERCLA ACTION: CERCLA
NOTIFICATION IN 04/81.

NPL Status Of The Site:

The Site Is Not And Never Has Been On The
Proposed and/or Final NPL

Date Of Last Update: 11/27/89

Alias Site Name(s):

Miscellaneous Alias Information:

Site Ownership Indicator: Other-not given
Federal Facility Flag: Is Not A Federal Facility
Associated With A RCRA Facility:
Site Incident Category: Has Not Been Determined
Oil Spill Incident:

Site Information Continued...

Page 84.1

Site: COD007067614
COCA COLA BOTTLING COMPANY OF DENVER

SITE DISPOSITION INFORMATION

Current Disposition Of The Site:
SITE EVALUATION/DISPOSITION

Known Areas Of Concern At The Site:

Miscellaneous Disposition Information:

===== EPA Events That Have Occurred At The Site =====
Event Name: DISCOVERY OF A SITE
Completion Date: 04/01/81
Group Responsible: EPA - Fund Financed

Event Name: PRELIMINARY ASSESSMENT
Completion Date: 12/01/84
Group Responsible: State - Fund Financed

Event Name:
Completion Date:
Group Responsible:

Event Name:
Completion Date:
Group Responsible:

Event Name:
Completion Date:
Group Responsible:

Event Name:
Completion Date:
Group Responsible:

End Of Site Information...

CERCLA SITE INVENTORY

EPA Facility ID Number: COD007068463
EPA Region Number: 08

Site Name: ESB INC.

Site Address: 4120 YORK ST
City: DENVER

County: DENVER County Code: 031
State: Colorado Congressional District: 01
Zip Code: 80216

USGS Hydrological Unit: 10190003

Site Description:
HAZ/MAT STORED: DILUTE SULFURIC ACID, CAUSTIC SODA, &
SCRAP BATTERIES. ESTIMATED QUANTITIES OF STORED WASTE WERE
3000 GALLONS OF SULFURIC ACID & UP TO 38000 LB.
BATTERIES.

NPL Status Of The Site:
The Site Is Not And Never Has Been On The
Proposed and/or Final NPL

Date Of Last Update: 11/08/89

Alias Site Name(s):
ESB INC.

Miscellaneous Alias Information:

Site Ownership Indicator: Other-not given
Federal Facility Flag: Is Not A Federal Facility
Associated With A RCRA Facility:
Site Incident Category: Has Not Been Determined
Oil Spill Incident:

Site Information Continued...

Page 86.1

Site: COD007068463
ESB INC.

SITE DISPOSITION INFORMATION

Current Disposition Of The Site:
SITE EVALUATION/DISPOSITION

Known Areas Of Concern At The Site:

Miscellaneous Disposition Information:

===== EPA Events That Have Occurred At The Site =====

Event Name: DISCOVERY OF A SITE
Completion Date: 08/01/80
Group Responsible: EPA - Fund Financed

Event Name: PRELIMINARY ASSESSMENT
Completion Date: 12/01/84
Group Responsible: State - Fund Financed

Event Name:
Completion Date:
Group Responsible:

Event Name:
Completion Date:
Group Responsible:

Event Name:
Completion Date:
Group Responsible:

Event Name:
Completion Date:
Group Responsible:

CERCLA SITE INVENTORY

EPA Facility ID Number: COD048128730

EPA Region Number: 08

Site Name: CROSS MANUFACTURING INC.

Site Address: 500 E CRYSTAL

City: LAMAR

County: PROWERS

County Code: 099

State: Colorado

Congressional District: 03

Zip Code: 81052

USGS Hydrological Unit: 11020009

Site Description:

TYPE OF HAZARDS PRESENT OR SIZE OF WASTE AREA:

UNKNOWN. TYPES OF MATERIALS KNOWN TO BE HERE WERE

ULTRACHROME, OXYPREP, SUPER HI-FLASH NAPHTHA PAINT CLEANER,

FERRO-TERJ, & CHROMIUM. BEGAN OPERATION ON AN UNKNOWN
DATE.

NPL Status Of The Site:

The Site Is Not And Never Has Been On The

Proposed and/or Final NPL

Date Of Last Update: 11/27/89

Alias Site Name(s):

Miscellaneous Alias Information:

Site Ownership Indicator: Other-not given

Federal Facility Flag: Is Not A Federal Facility

Associated With A RCRA Facility:

Site Incident Category: Has Not Been Determined

Oil Spill Incident:

Site Information Continued...

Page 124.1

e: COD048128730
CROSS MANUFACTURING INC.

SITE DISPOSITION INFORMATION

rent Disposition Of The Site:
ITE EVALUATION/DISPOSITION

wn Areas Of Concern At The Site:

ellaneous Disposition Information:

===== EPA Events That Have Occurred At The Site =====

1 Name: DISCOVERY OF A SITE

etion Date: 08/01/80

o Responsible: EPA - Fund Financed

1 Name: PRELIMINARY ASSESSMENT

etion Date: 12/01/84

o Responsible: State - Fund Financed

1 Name:

etion Date:

o Responsible:

1 Name:

etion Date:

o Responsible:

1 Name:

etion Date:

o Responsible:

1 Name:

etion Date:

o Responsible:

CERCLA SITE INVENTORY

EPA Facility ID Number: COD076459668
EPA Region Number: 08

Site Name: AMERICAN FURNITURE WAREHOUSE

Site Address: 50TH & BROADWAY
City: DENVER

County: DENVER County Code: 031
State: Colorado Congressional District: 01
Zip Code: 80216

USGS Hydrological Unit: 10190003

Site Description:
HAZ/MAT: SANITARY SEWAGE SLUDGE CONTAINING
INDUSTRIAL, COMMERCIAL, MUNICIPAL, & HOUSEHOLD WASTES &
SMALL QUANTITIES OF UNKNOWN HAZARDOUS WASTE.

NPL Status Of The Site:
The Site Is Not And Never Has Been On The
Proposed and/or Final NPL

Date Of Last Update: 11/27/89

Alias Site Name(s):

Miscellaneous Alias Information:

Site Ownership Indicator: Other-not given
Federal Facility Flag: Is Not A Federal Facility
Associated With A RCRA Facility:
Site Incident Category: Has Not Been Determined
Oil Spill Incident:

Site Information Continued...

Page 158.1

Site: COD076459668
AMERICAN FURNITURE WAREHOUSE

SITE DISPOSITION INFORMATION

Current Disposition Of The Site:
SITE EVALUATION/DISPOSITION

Known Areas Of Concern At The Site:

Miscellaneous Disposition Information:

===== EPA Events That Have Occurred At The Site =====
Event Name: DISCOVERY OF A SITE
Completion Date: 06/01/81
Group Responsible: EPA - Fund Financed

Event Name: PRELIMINARY ASSESSMENT
Completion Date: 09/15/87
Group Responsible: State - Fund Financed

Event Name:
Completion Date:
Group Responsible:

Event Name:
Completion Date:
Group Responsible:

Event Name:
Completion Date:
Group Responsible:

Event Name:
Completion Date:
Group Responsible:

End Of Site Information...

HAZARDOUS MATERIAL SPILLS

EDI MAP #: 23-DE
Report #: 81429

Date of Spill: 10/03/81
Date Reported: 10/03/81

Location: 5201 YORK
City: DENVER

County: DENVER

Material and Quantity Spilled
LUBRICATION 200 Gallons

Environments Possibly Effected By The Spill _____

Air: Land: Surface Water: Groundwater: Within The Facility:
Waterways: NONE

Cause Of Spill: HOSE RUPTURE
Agency Responding:

Action:
Response Comments:

Spill Comments: WESTERN TANK LINES

PRP Information: WESTERN TANK LINES
P.O. BOX 1036
COMMERCE CITY, CO 80022

EDI MAP #: 49-DE
Report #: 82475

Date of Spill: 10/01/82
Date Reported: 10/01/82

Location: 4555 YORK
City: DENVER

County: DENVER

Material and Quantity Spilled
ANIMAL 200 Gallons

Environments Possibly Effected By The Spill _____

Air: Land: Surface Water: Groundwater: Within The Facility:
Waterways: NONE

Cause Of Spill: TANK LEAK
Agency Responding:

Action:
Response Comments:

Spill Comments: RALSTON PURINA

PRP Information: RALSTON PURINA
4555 YORK
DENVER, CO 80216

EDI MAP #: 50-DE
Report #: 82483

Date of Spill: 10/11/82
Date Reported: 10/11/82

Location: 4555 YORK
City: DENVER

County: DENVER

Material and Quantity Spilled
LUBRICATION 16 Gallons

Environments Possibly Effected By The Spill _____
Air: Land: Surface Water: Groundwater: Within The Facility:
Waterways: NONE

Cause Of Spill: COLLISION WITH VEHICLE OR VESSEL
Agency Responding:

Action:
Response Comments:

Spill Comments: RALSTON PURINA

PRP Information: RALSTON PURINA
4555 YORK
DENVER, CO 80216

EDI MAP #: 88-DE
Report #: 83503

Date of Spill: 8/23/83
Date Reported: 8/23/83

Location: I-70 & BRIGHTON BLVD
City: DENVER

County: DENVER

Material and Quantity Spilled
ASPHALT 40 Gallons

Environments Possibly Effected By The Spill _____
Air: Land: Surface Water: Groundwater: Within The Facility:
Waterways:

Cause Of Spill: IMPROPER STORAGE ON TRUCK
Agency Responding:

Action:
Response Comments:

Spill Comments:

PRP Information:

EDI MAP #: 97-DE
Report #: 83594

Date of Spill: 9/26/83
Date Reported: 9/26/83

Location: 5125 YORK STREET
City: DENVER

County: DENVER

Material and Quantity Spilled
GASOLINE 2,000 Gallons

Environments Possibly Effected By The Spill _____
Air: Land: Surface Water: Groundwater: Within The Facility:
Waterways:

Cause Of Spill: DEFECTIVE VALVES
Agency Responding:

Action:
Response Comments:

Spill Comments: HUSKY OIL CO

PRP Information: HUSKY OIL CO
5125 YORK ST
DENVER, CO 80216

EDI MAP #: 98-DE
Report #: 83635

Date of Spill: 10/21/83
Date Reported: 10/21/83

Location: 3620 WAZE STREET
City: DENVER

County: DENVER

Material and Quantity Spilled
METHANOL 333 Pounds

Environments Possibly Effected By The Spill _____
Air: Land: Surface Water: Groundwater: Within The Facility:
Waterways:

Cause Of Spill: WELD FAILURE - FACTORY
Agency Responding:

Action:
Response Comments:

Spill Comments:

PRP Information: UNION PACIFIC RAILROAD
1416 DODGE STREET
OMAHA, NE 68179

EDI MAP #: 122-DE
Report #: 84373

Date of Spill: 5/13/84
Date Reported: 5/13/84

Location: 40TH & WILLIAMS
City: DENVER

County: DENVER

Material and Quantity Spilled
LAQUOR STAIN Unknown Pounds

Environments Possibly Effected By The Spill _____
Air: Land: Surface Water: Groundwater: Within The Facility:
Waterways:

Cause Of Spill: COLLISION WITH FIXED OBJECT
Agency Responding:

Action: SMALL LEAK FROM DRUM
Response Comments:

Spill Comments: UPRR RAMP FACILITY

PRP Information: UNION PACIFIC RAILROAD
1416 DODGE STREET
OMAHA, NE 68179

EDI MAP #: 152-DE
Report #: 84859

Date of Spill: 12/18/84
Date Reported: 12/18/84

Location: 3620 WAZEE
City: DENVER

County: DENVER

Material and Quantity Spilled
ALCOHOL NOS 80 Pounds

Environments Possibly Effected By The Spill _____
Air: Land: Surface Water: Groundwater: Within The Facility:
Waterways:

Cause Of Spill: DEFECTIVE VALVES
Agency Responding:

Action:
Response Comments:

Spill Comments: URR YARD

PRP Information: UNION PACIFIC RAILROAD
1416 DODGE
OMAHA, NE 68179

EDI MAP #: 153-DE
Report #: 84862

Date of Spill: 12/20/84
Date Reported: 12/20/84

Location: 4555 YORK STREET
City: DENVER

County: DENVER

Material and Quantity Spilled
ANIMAL 300 Gallons

Environments Possibly Effected By The Spill _____
Air: Land: Surface Water: Groundwater: Within The Facility:
Waterways: METRO SEWER

Cause Of Spill: DUMPING
Agency Responding:

Action:
Response Comments:

Spill Comments: RALSTON PURINA

PRP Information: RALSTON PURINA
4555 YORK ST
DENVER, CO 80216

EDI MAP #: 155-DE
Report #: 85082

Date of Spill: 1/27/85
Date Reported: 1/27/85

Location: 4555 YORK STREET
City: DENVER

County: DENVER

Material and Quantity Spilled
PROPYLENE GLYCOL 12,000 Pounds

Environments Possibly Effected By The Spill _____
Air: Land: Surface Water: Groundwater: Within The Facility:
Waterways: S PLATTE RIVER

Cause Of Spill: TANK OVERFLOW
Agency Responding:

Action:
Response Comments:

Spill Comments: RALSTON PURINA

PRP Information: RALSTON PURINA
4555 YORK STREET
DENVER, CO 80216

EDI MAP #: 169-DE
Report #: 85359

Date of Spill: 6/04/85
Date Reported: 6/04/85

Location: SEWER OUTFALL TO S.PLATTE AT 45TH & WASHINGTON
City: DENVER County: DENVER

Material and Quantity Spilled
NO. 2 FUEL Unknown Gallons

Environments Possibly Effected By The Spill _____
Air: Land: Surface Water: Groundwater: Within The Facility:
Waterways: S. PLATTE RIVER

Cause Of Spill: UNKNOWN
Agency Responding:

Action:
Response Comments:

Spill Comments:

PRP Information:

EDI MAP #: 189-DE
Report #: 85710

Date of Spill: 10/22/85
Date Reported: 10/22/85

Location: 495 E 51ST AVENUE
City: DENVER County: DENVER

Material and Quantity Spilled
CADMIUM 100 Pounds

Environments Possibly Effected By The Spill _____
Air: Land: Surface Water: Groundwater: Within The Facility:
Waterways:

Cause Of Spill: HEAVY WINDS
Agency Responding:

Action:
Response Comments:

Spill Comments: ASARCO

PRP Information: ASARCO INC
495 E 51ST AVENUE
DENVER, CO 80216

EDI MAP #: 190-DE
Report #: 85726

Date of Spill: 10/30/85
Date Reported: 10/30/85

Location: 46TH & WASHINGTON
City: DENVER

County: DENVER

Material and Quantity Spilled
CONCRETE Unknown Gallons

Environments Possibly Effected By The Spill _____
Air: Land: Surface Water: Groundwater: Within The Facility:
Waterways: TRIB TO SOUTH PLATTE RIVER

Cause Of Spill: DUMPING
Agency Responding:

Action:
Response Comments:

Spill Comments:

PRP Information: READY MIX CONCRETE
46TH & WASHINGTON
DENVER, CO 80216

EDI MAP #: 197-DE
Report #: 85812

Date of Spill: 12/12/85
Date Reported: 12/12/85

Location: 4801 BRIGHTON BLVD
City: DENVER

County: DENVER

Material and Quantity Spilled
AMMONIA 500 Pounds

Environments Possibly Effected By The Spill _____
Air: Land: Surface Water: Groundwater: Within The Facility:
Waterways:

Cause Of Spill: HOSE RUPTURE
Agency Responding:

Action:
Response Comments:

Spill Comments: PROCESSING PLANT

PRP Information: BAR S FOODS
4801 BRIGHTON BLVD
DENVER, CO 80216

EDI MAP #: 208-AD
Report #: 87783

Date of Spill: 12/09/87
Date Reported: 12/09/87

Location: RIVERSIDE CEMETERY: EAST 52ND AVENUE & RACE
City: COMMERCE CITY County: ADAMS

Material and Quantity Spilled
POLYESTERS (SUSPECTED) 12 Barrels

Environments Possibly Effected By The Spill _____
Air: Land: Yes Surface Water: Groundwater: Within The Facility:
Waterways: NEAR PLATTE RIVER

Cause Of Spill: AREA FENCED TO SECURE ACCESS
Agency Responding:

Action: AREA FENCED TO SECURE ACCESS
Response Comments:

Spill Comments: WILL SEND TAT

PRP Information: UNKNOWN

EDI MAP #: 242-DE
Report #: 86466

Date of Spill: 7/05/86
Date Reported: 7/05/86

Location: 40TH & WILLIAMS
City: DENVER County: DENVER

Material and Quantity Spilled
AMMONIA Unknown Pounds

Environments Possibly Effected By The Spill _____
Air: Land: Surface Water: Groundwater: Within The Facility:
Waterways:

Cause Of Spill: INCORRECT VALVE HANDLING
Agency Responding:

Action:
Response Comments:

Spill Comments: UP MAINT YARD

PRP Information: UNION PACIFIC RAILROAD
1416 DODGE STREET
OMAHA, NE 68179

EDI MAP #: 285-DE
Report #: 87292

Date of Spill: 4/14/87
Date Reported: 4/14/87

Location: 4555 YORK ST.
City: DENVER

County: DENVER

Material and Quantity Spilled
ACID-75% PHOSPHORIC 1,000 Pounds

Environments Possibly Effected By The Spill _____
Air: Land: Surface Water: Groundwater: Within The Facility:
Waterways:

Cause Of Spill: TANK OVERFLOW
Agency Responding:

Action:
Response Comments:

Spill Comments: WWTP-FRED BUNKBY SAID TO BRING UP PH LEVEL APPROX. 5.7 & PUT IT DOWN DRAIN
W/WATER.

PRP Information: RALSTON PURINA
4555 YORK ST
DENVER, CO 80216

EDI MAP #: 290-DE
Report #: 87374

Date of Spill: 6/13/87
Date Reported: 6/13/87

Location: 5120 RACE STREET
City: DENVER

County: DENVER

Material and Quantity Spilled
AMMONIA Unknown

Environments Possibly Effected By The Spill _____
Air: Yes Land: Surface Water: Groundwater: Within The Facility:
Waterways:

Cause Of Spill: PROBLEM WHEN INSTALLING ANOTHER INTER COOLER (SP?)
Agency Responding:

Action: NONE
Response Comments: AMMONIA EMISSION LASTED ONE HOUR

Spill Comments:

PRP Information: MERCHANTS REFRIGERATING
5120 RACE STREET
DENVER, CO 80216

EDI MAP #: 297-DE
Report #: 87488

Date of Spill: 7/22/87
Date Reported: 7/22/87

Location: 38TH AVE BRIDGE, AT ARKINS NEAR FOOTBRIDGE
City: DENVER County: DENVER

Material and Quantity Spilled
OTHER OIL 1 Gallons

Environments Possibly Effected By The Spill _____
Air: Land: Surface Water: Yes Groundwater: Within The Facility:
Waterways: SO PLATTE RIVER

Cause Of Spill: UNKNOWN - 24" PIPE SEWER
Agency Responding:

Action: SZABO TOOK FIELD RESPONSE TO CULVERT, SAW NO DISCHARGE
Response Comments:

Spill Comments:

PRP Information: UNKNOWN

EDI MAP #: 365-DE
Report #: 88286

Date of Spill: 5/04/88
Date Reported: 5/04/88

Location: 40TH & WASHINGTON: CS RAMP FACILITY
City: DENVER County: DENVER

Material and Quantity Spilled
MALATHION (CAS #?) 110 Gallons

Environments Possibly Effected By The Spill _____
Air: Land: Yes Surface Water: Groundwater: Within The Facility:
Waterways: ONLY ASPHALT/NONE

Cause Of Spill: CONTAINER LEAK FROM (2) 55 GAL DRUMS
Agency Responding: USPCI

Action: USPCI IN DENVER-CLEAN UP & DISPOSAL
Response Comments:

Spill Comments:

PRP Information: UNION PACIFIC RAILROAD
1416 DODGE STREET
OMAHA, 68179

EDI MAP #: 370-DE
Report #: 88330

Date of Spill: 5/20/88
Date Reported: 5/20/88

Location: TRACK 416: 40TH & WASHINGTON
City: DENVER County: DENVER

Material and Quantity Spilled
ANHYDROUS NH 3 1 Unknown

Environments Possibly Effected By The Spill _____
Air: Yes Land: Surface Water: Groundwater: Within The Facility:
Waterways: NONE

Cause Of Spill: DEFECTIVE VALVES-PACKING GLAND WAS LOOSE
Agency Responding:

Action: TIGHTENED PACKING GLAND, SECURED LEAK
Response Comments:

Spill Comments: MINIMAL QUANTITY - VAPORIZED

PRP Information: UPRP
1416 DODGE ST.
OMAHA, NB 68179

EDI MAP #: 438-DE
Report #: 88804

Date of Spill:
Date Reported:

Location: EMPIRE EXPRESS: 3930 BLAKE ST.
City: DENVER County: DENVER

Material and Quantity Spilled
OILS: DIESEL Unknown
SOLVENTS 1 Unknown
OIL 1 Unknown

Environments Possibly Effected By The Spill _____
Air: Land: Surface Water: Groundwater: Yes Within The Facility:
Waterways: SEWER SYSTEM

Cause Of Spill: DUMPING INTO SEWER, LUST
Agency Responding:

Action:
Response Comments:

Spill Comments: ANON RPT FROM EMPLOYEE, REFERRED BY LEIW /SPILL DATE IS UNKNOWN

PRP Information: EMPIRE EXPRESS
3930 BLAKE ST.
DENVER, CO

EDI MAP #: 443-DE
Report #: 88832

Date of Spill: 12/08/88
Date Reported: 12/08/88

Location: BAR S FOODS: 4801 BRIGHTON BLVD.
City: DENVER County: DENVER

Material and Quantity Spilled
OTHER OIL Unknown Gallons

Environments Possibly Effected By The Spill _____
Air: Land: Surface Water: Groundwater: Within The Facility: Yes
Waterways:

Cause Of Spill: DEFECTIVE VALVES
Agency Responding:

Action:
Response Comments:

Spill Comments:

PRP Information: BAR S FOODS
4801 BRIGHTON BLVD.
DENVER, CO 80202

EDI MAP #: 444-DE
Report #: 88840

Date of Spill: 12/08/88
Date Reported: 12/08/88

Location: 4801 BRIGHTON BLVD.
City: DENVER County: DENVER

Material and Quantity Spilled
AMONIA 300 Gallons

Environments Possibly Effected By The Spill _____
Air: Yes Land: Surface Water: Groundwater: Within The Facility:
Waterways:

Cause Of Spill: DEFECTIVE VALVES
Agency Responding: DENVER FIRE DEPT.

Action: DENVER FIRE DEPT. SUITED UP AND CLOSED VALVE
Response Comments:

Spill Comments: FIRE DEPT. NOTIFIED STATE - ETC

PRP Information: "BAR S" MEAT PACKING
4801 BRIGHTON BLVD
DENVER, CO 80217

EDI MAP #: 449-DE
Report #: 88885

Date of Spill:
Date Reported:

Location: 4400 YORK STREET
City: DENVER

County: DENVER

Material and Quantity Spilled
CHROMING ACID Unknown
TRICHLORO ETHYLENE Unknown

Environments Possibly Effected By The Spill _____
Air: Land: Yes Surface Water: Groundwater: Yes Within The Facility:
Waterways:

Cause Of Spill: IMPROPER DISPOSAL
Agency Responding:

Action: NONE
Response Comments:

Spill Comments: SPILL DATE: ON GOING

PRP Information: API-ANDRES BROWN
4400 YORK ST. -CHROME PLATING
DENVER, CO

EDI MAP #: 472-DE
Report #: 891083

Date of Spill: 10/20/89
Date Reported: 10/20/89

Location: DENVER RAIL YARDS: 40TH & WILLIAMS
City: DENVER County: DENVER

Material and Quantity Spilled
FLAMMABLE LIQUID 20 Gallons

Environments Possibly Effected By The Spill _____
Air: Land: Yes Surface Water: Groundwater: Within The Facility:
Waterways: NONE

Cause Of Spill: LOADING RACHET VALVE
Agency Responding:

Action: EVAPORATE
Response Comments:

Spill Comments:

PRP Information: U.P.R.R
850 JONES ST.
OHMAHA, ND 68102

EDI MAP #: 473-DE
Report #: 891086

Date of Spill: 10/29/89
Date Reported: 10/29/89

Location: 4801 BRIGHTON BLVD
City: DENVER

County: DENVER

Material and Quantity Spilled
AMONIA 5,000 Pounds

Environments Possibly Effected By The Spill _____
Air: Yes Land: Surface Water: Groundwater: Within The Facility:
Waterways: NONE

Cause Of Spill: 3 IN. PIPE RUPTURED
Agency Responding:

Action: PRP CLEAN UP PRODUCTS. CONTAMINATED BY NH3
Response Comments: THE PRP WILL HAVE A FOLLOW UP REPORT SENT, COLO DEPT. HEALTH TO NOTIFY
WATER CONTROL DIV.
Spill Comments: OSHA TOLD THEM IF NO INJURIES/HOSPITALIZATION THEY DON'T HAVE TO REPORT

PRP Information: BARS FOOD CO.
4801 BRIGHTON BLVD
DENVER, CO 80217

EDI MAP #: 525-DE
Report #: 89298

Date of Spill: 4/12/89
Date Reported: 4/12/89

Location: RAIL YARDS: 40TH & WILLIAMS
City: DENVER

County: DENVER

Material and Quantity Spilled
ARGOR SOS 100 Gallons

Environments Possibly Effected By The Spill _____
Air: Yes Land: Surface Water: Groundwater: Within The Facility:
Waterways:

Cause Of Spill: VALVE FROOZE IN OPEN POSITION
Agency Responding:

Action: CLOSED VALVE
Response Comments:

Spill Comments:

PRP Information: U.P. RAILROAD
1416 DODGE ST.
OMAHA, NB

EDI MAP #: 543-DE
Report #: 89430

Date of Spill: 5/22/89
Date Reported: 5/22/89

Location: RALSTON PURINA PLANT: 4555 YORK
City: DENVER County: DENVER

Material and Quantity Spilled
PHOSPHORIC ACID 30 Gallons

Environments Possibly Effected By The Spill _____
Air: Land: Yes Surface Water: Yes Groundwater: Within The Facility:
Waterways: STORM DRAIN TO SAND CREEK

Cause Of Spill: DERAILEMENT
Agency Responding:

Action: ACID WASHED DOWN DRAIN PRIOR TO BEING NEWTRALIZED
Response Comments:

Spill Comments:

PRP Information: UNION PACIFIC/RALSTON PURINA

LANDFILL OCCURRENCES

REPORTED LANDFILL OCCURRENCES

Map #: L-64 County: ADAMS
N. York St. & E. 56th Ave. (E. of S. Platte River)
LANDFILL TYPE: Domestic SIZE: 6+ Acres
METHANE STATUS: None reported

Map #: L-65 County: ADAMS
N. Clarkson St. & E. 56th Ave. (@ Horton Ct.)
LANDFILL TYPE: Demolition SIZE: 12 Acres
METHANE STATUS: None reported
COMMENTS: Northwest of Horton Ct.

Map #: L-66 County: ADAMS
N. Washington St. & E. 54th Ave.
LANDFILL TYPE: Demolition SIZE: 15+ Acres
METHANE STATUS: None reported
COMMENTS: Southeast of intersection

Map #: L-123 County: DENVER
ASARCO
495 E. 51st Ave.
LANDFILL TYPE: Unknown SIZE: Unknown
METHANE STATUS: None reported

Map #: L-124 County: DENVER
N. Williams St. & E. 48th Ave.
LANDFILL TYPE: Unknown SIZE: Unknown
METHANE STATUS: None reported
COMMENTS: Landfill is reported to be in a residential area.

Map #: L-125 County: DENVER
N. Columbine St. & E. 51st Ave.
LANDFILL TYPE: Domestic SIZE: Unknown
METHANE STATUS: None reported
COMMENTS: Some amount of excavation and soil replacement has been done

Map #: L-126 County: DENVER
N. Pennsylvania St. & Ringsby Ct.
LANDFILL TYPE: Domestic SIZE: Unknown
METHANE STATUS: None reported
COMMENTS: Exact boundaries are not yet known

REPORTED LANDFILL OCCURRENCES

Map #: L-128 County: DENVER
33rd St. & Ringsby Ct.
LANDFILL TYPE: Unknown SIZE: Unknown
METHANE STATUS: Presence of Methane has been documented
COMMENTS: Exact boundaries not yet determined, site has been used
for parking.

Map #: L-129 County: DENVER
Brighton Blvd. & E. 38th Ave.
LANDFILL TYPE: Unknown SIZE: Unknown
METHANE STATUS: None reported

Map #: L-130 County: DENVER
N. York St. & E. 40th Ave.
LANDFILL TYPE: Unknown SIZE: Unknown
METHANE STATUS: None reported
COMMENTS: Evidence of differential settling

RCRA GENERATOR AND TSD FACILITIES

RCRA Generator & TSD Facilities That Were Mapped

MAP #: 0429

EPA RCRA ID Number: COD031970429

Facility Name: DENVER PETERBILT INC

Address: 4901 RACE STREET

City: DENVER

County: DENVER

Zip Code: 80216

Generator Type: Small Quantity Generator

TSD Type:

Transporter:

Burner/Blender:

Non-Regulated Status (If Applicable):

=====

MAP #: 1799

EPA RCRA ID Number: COD981551799

Facility Name: DENVER FIBERGLASS, INC.

Address: 5000 PACKINGHOUSE ROAD

City: DENVER

County: DENVER

Zip Code: 80290

Generator Type:

TSD Type:

Transporter:

Burner/Blender:

Non-Regulated Status (If Applicable): Closed

=====

MAP #: 2029

EPA RCRA ID Number: COD981552029

Facility Name: SOUTHWIND DEVELOPMENT CO LTD

Address: 4877 PACKING HOUSE ROAD

City: DENVER

County: DENVER

Zip Code: 80216

Generator Type:

TSD Type:

Transporter:

Burner/Blender:

Non-Regulated Status (If Applicable): Hazardous Waste - None

=====

MAP #: 2755

EPA RCRA ID Number: COD139722755

Facility Name: ROSCOM WEST INC

Address: 5125 RACE COURT

City: DENVER

County: DENVER

Zip Code: 80216

Generator Type:

TSD Type:

Transporter:

Burner/Blender:

Non-Regulated Status (If Applicable): Hazardous Waste - None

RCRA Generator & TSD Facilities That Were Mapped

MAP #: 3427

EPA RCRA ID Number: COD000823427

Facility Name: LARSEN TRANSFER & STORAGE CO

Address: 4920 N WASHINGTON

City: DENVER

County: DENVER

Zip Code: 80216

Generator Type:

TSD Type:

Transporter:

Burner/Blender:

Non-Regulated Status (If Applicable): Hazardous Waste - None

=====

MAP #: 4234

EPA RCRA ID Number: COD980954234

Facility Name: FRANKEL MANUFACTURING CO

Address: 5125 RACE COURT

City: DENVER

County: DENVER

Zip Code: 80216

Generator Type: Small Quantity Generator

TSD Type:

Transporter:

Burner/Blender:

Non-Regulated Status (If Applicable):

=====

MAP #: 4497

EPA RCRA ID Number: COD981544497

Facility Name: DANIEL LIBERTY RADIATOR CORP

Address: 5000 CLARKSON STREET

City: DENVER

County: DENVER

Zip Code: 80216

Generator Type: Small Quantity Generator

TSD Type:

Transporter:

Burner/Blender:

Non-Regulated Status (If Applicable):

=====

MAP #: 7182

EPA RCRA ID Number: COD982647182

Facility Name: LEONARD JOSEPH CO THE

Address: 4800 CLARKSON ST

City: DENVER

County: DENVER

Zip Code: 80211

Generator Type:

TSD Type:

Transporter:

Burner/Blender:

Non-Regulated Status (If Applicable): Closed

=====

RCRA Generator & TSD Facilities That Were Mapped

MAP #: 7242

EPA RCRA ID Number: COD980807242

Facility Name: MID-AMERICA PLATING INC.

Address: 4877 PACKING HOUSE ROAD

City: DENVER

County: DENVER

Zip Code: 80216

Generator Type:

TSD Type:

Transporter:

Burner/Blender:

Non-Regulated Status (If Applicable): Hazardous Waste - None

=====

MAP #: 7247

EPA RCRA ID Number: COD982597247

Facility Name: HELLER & KATZ

Address: 900 EAST 46TH AVE

City: DENVER

County: DENVER

Zip Code: 80216

Generator Type:

TSD Type:

Transporter:

Burner/Blender:

Non-Regulated Status (If Applicable): Hazardous Waste - None

=====

MAP #: 7430

EPA RCRA ID Number: COD982647430

Facility Name: TRANSPORTATION SERVICE CENTER INC

Address: 5088 PACKINGHOUSE RD

City: DENVER

County: DENVER

Zip Code: 80216

Generator Type:

TSD Type:

Transporter:

Burner/Blender:

Non-Regulated Status (If Applicable): Closed

=====

MAP #: 7895

EPA RCRA ID Number: COD980807895

Facility Name: ENVIRONMENTAL SERVICES MANAGEMENT

Address: 4700 PACKING HOUSE RD

City: DENVER

County: DENVER

Zip Code: 80216

Generator Type: Large Quantity Generator

TSD Type:

Transporter:

Burner/Blender:

Non-Regulated Status (If Applicable):

=====

RCRA Generator & TSD Facilities That Were Mapped

MAP #: 9845

EPA RCRA ID Number: COD980959845

Facility Name: CLAYLITE

Address: 5050 RACE ST.

City: DENVER

County: DENVER

Zip Code: 80316

Generator Type: Small Quantity Generator

TSD Type:

Transporter:

Burner/Blender:

Non-Regulated Status (If Applicable):

=====

RCRA Generator & TSD Facilities Not Mapped

EPA RCRA ID Number: COD003898327
Facility Name: ELECTRIC EQUIPMENT & ENGR.
Address: 40 WEST 49TH AVENUE
City: DENVER County: DENVER
Zip Code: 80216

Generator Type: Small Quantity Generator
TSD Type:
Transporter: Burner/Blender:
Non-Regulated Status (If Applicable):
=====

EPA RCRA ID Number: COD006915607
Facility Name: ILLINOIS CALIFORNIA EXPRESS INC
Address: 510 EAST 51ST AVENUE
City: DENVER County: DENVER
Zip Code: 80216

Generator Type:
TSD Type:
Transporter: Transporter Burner/Blender:
Non-Regulated Status (If Applicable):
=====

EPA RCRA ID Number: COD007063308
Facility Name: RALSTON PURINA CO
Address: 4555 YORK ST
City: DENVER County: DENVER
Zip Code: 80216

Generator Type: Small Quantity Generator
TSD Type:
Transporter: Burner/Blender:
Non-Regulated Status (If Applicable):
=====

EPA RCRA ID Number: COD007063530
Facility Name: ASARCO INCORPORATED GLOBE PLANT
Address: 495 E 51ST AVE
City: DENVER County: DENVER
Zip Code: 80216

Generator Type:
TSD Type: Land Disposal
Transporter: Burner/Blender:
Non-Regulated Status (If Applicable):
=====

RCRA Generator & TSD Facilities Not Mapped

EPA RCRA ID Number: COD007068463
Facility Name: EXIDE CORP
Address: 4120 YORK STREET
City: DENVER
Zip Code: 80216

County: DENVER

Generator Type:
TSD Type:

Transporter: Burner/Blender:
Non-Regulated Status (If Applicable): Hazardous Waste - None
=====

EPA RCRA ID Number: COD007069446
Facility Name: PEPSI COLA BOTTLING CO DENVER
Address: 3801 BRIGHTON BLVD
City: DENVER
Zip Code: 80216

County: DENVER

Generator Type: Small Quantity Generator
TSD Type:

Transporter: Burner/Blender:
Non-Regulated Status (If Applicable):
=====

EPA RCRA ID Number: COD031964653
Facility Name: COLORADO KENWORTH GMC
Address: 4901 YORK ST
City: DENVER
Zip Code: 80216

County: DENVER

Generator Type: Small Quantity Generator
TSD Type:

Transporter: Burner/Blender:
Non-Regulated Status (If Applicable):
=====

EPA RCRA ID Number: COD032008005
Facility Name: NORTH PARK TRANSPORTATION CO
Address: 5150 COLUMBINE ST
City: DENVER
Zip Code: 80216

County: DENVER

Generator Type:
TSD Type:

Transporter: Transporter Burner/Blender:
Non-Regulated Status (If Applicable):
=====

EPA RCRA ID Number: COD032011207
Facility Name: PAULS CUSTOM GRINDING SERVICE INC
Address: 3601 BRIGHTON BLVD
City: DENVER
Zip Code: 80216

County: DENVER

Generator Type:
TSD Type:

Transporter: Burner/Blender:
Non-Regulated Status (If Applicable): Hazardous Waste - None
=====

RCRA Generator & TSD Facilities Not Mapped

EPA RCRA ID Number: COD048745194
Facility Name: AT&T INFORMATION SYSTEM
Address: 2551 EAST 40TH AVENUE
City: DENVER County: DENVER
Zip Code: 80205

Generator Type:
TSD Type:
Transporter: Burner/Blender: Burner/Blender
Non-Regulated Status (If Applicable):
=====

EPA RCRA ID Number: COD058071481
Facility Name: PENNINGTON GMC
Address: 5130 BRIGHTON BLVD
City: DENVER County: DENVER
Zip Code: 80216

Generator Type: Small Quantity Generator
TSD Type:
Transporter: Burner/Blender:
Non-Regulated Status (If Applicable):
=====

EPA RCRA ID Number: COD059253252
Facility Name: ADOLPH COORS COMPANY -TRANSPORTATION
Address: 5101 YORK ST
City: DENVER County: DENVER
Zip Code: 80216

Generator Type:
TSD Type:
Transporter: Burner/Blender:
Non-Regulated Status (If Applicable): Closed
=====

EPA RCRA ID Number: COD086348927
Facility Name: EMERSON WOODWORKS INC
Address: 2640 EAST 43RD AVE
City: DENVER County: DENVER
Zip Code: 80216

Generator Type: Small Quantity Generator
TSD Type:
Transporter: Burner/Blender:
Non-Regulated Status (If Applicable):
=====

EPA RCRA ID Number: COD121423438
Facility Name: LEASEWAY TRANSPORTATION CORP.
Address: 5151 YORK STREET
City: DENVER County: DENVER
Zip Code: 80216

Generator Type:
TSD Type:
Transporter: Burner/Blender:
Non-Regulated Status (If Applicable): Closed
=====

RCRA Generator & TSD Facilities Not Mapped

EPA RCRA ID Number: COD149466930
Facility Name: OVERLAND TRUCK REPAIR INC
Address: 510 EAST 51ST AVENUE
City: DENVER County: DENVER
Zip Code: 80216

Generator Type: Small Quantity Generator

TSD Type:
Transporter: Burner/Blender:
Non-Regulated Status (If Applicable):

=====

EPA RCRA ID Number: COD160892568
Facility Name: SALVATION ARMY ARC THE
Address: 4751 BROADWAY
City: DENVER County: DENVER
Zip Code: 80216

Generator Type: Small Quantity Generator

TSD Type:
Transporter: Burner/Blender:
Non-Regulated Status (If Applicable):

=====

EPA RCRA ID Number: COD980716914
Facility Name: POWER ASSIST CO., INC.
Address: 5185 NATIONAL WESTERN DR
City: DENVER County: DENVER
Zip Code: 80216

Generator Type:

TSD Type:
Transporter: Transporter Burner/Blender:
Non-Regulated Status (If Applicable):

=====

EPA RCRA ID Number: COD980806210
Facility Name: DENVER LIMON BURLINGTON TRANSFER CO
Address: 3650 CHESTNUT PLACE
City: DENVER County: DENVER
Zip Code: 80216

Generator Type:

TSD Type:
Transporter: Transporter Burner/Blender:
Non-Regulated Status (If Applicable):

=====

EPA RCRA ID Number: COD980808497
Facility Name: HUSKY OIL CO
Address: 5125 YORK ST
City: DENVER County: DENVER
Zip Code: 80216

Generator Type:

TSD Type:
Transporter: Burner/Blender:
Non-Regulated Status (If Applicable): Hazardous Waste - None

RCRA Generator & TSD Facilities Not Mapped

EPA RCRA ID Number: COD980952527
Facility Name: WESTERN TANK LINES, INC.
Address: 2645 E 51ST AVE
City: DENVER County: DENVER
Zip Code: 80216

Generator Type: Large Quantity Generator
TSD Type:
Transporter: Transporter Burner/Blender:
Non-Regulated Status (If Applicable):

=====

EPA RCRA ID Number: COD980953095
Facility Name: MOUNTAIN BELL - DENVER MRC
Address: 5226 BRIGHTON BLVD
City: DENVER County: DENVER
Zip Code: 80216

Generator Type:
TSD Type:
Transporter: Burner/Blender:
Non-Regulated Status (If Applicable): PCB's Only

=====

EPA RCRA ID Number: COD980955207
Facility Name: G & G TRUCKING INC.
Address: 4237 CLAYTON
City: DENVER County: DENVER
Zip Code: 80216

Generator Type:
TSD Type:
Transporter: Transporter Burner/Blender:
Non-Regulated Status (If Applicable):

=====

EPA RCRA ID Number: COD982589269
Facility Name: HUD CLEANUP FRONT RANGE ASBESTOS REMOVAL
Address: 4420 PENNSYLVANIA
City: DENVER County: DENVER
Zip Code: 80229

Generator Type:
TSD Type:
Transporter: Burner/Blender:
Non-Regulated Status (If Applicable): Hazardous Waste - None

=====

EPA RCRA ID Number: COD982589277
Facility Name: HUD CLEANUP FRONT RANGE ASBESTOS REMOVAL
Address: 4519 COLUMBINE
City: DENVER County: DENVER
Zip Code: 80216

Generator Type:
TSD Type:
Transporter: Burner/Blender:
Non-Regulated Status (If Applicable): Hazardous Waste - None

=====

RCRA Generator & TSD Facilities Not Mapped

EPA RCRA ID Number: COD982589327
Facility Name: PUBLIC SERVICE (NORTH SUBSTATION)
Address: 2500 EAST 40TH AVE
City: DENVER County: DENVER
Zip Code: 80205

Generator Type: Large Quantity Generator

TSD Type:

Transporter: Burner/Blender:
Non-Regulated Status (If Applicable):

=====

EPA RCRA ID Number: COD982590473
Facility Name: HUD CLEANUP MDR CORPORATION
Address: 4423 PENNSYLVANIA ST
City: DENVER County: DENVER
Zip Code: 80205

Generator Type:

TSD Type:

Transporter: Burner/Blender:
Non-Regulated Status (If Applicable): Hazardous Waste - None

=====

EPA RCRA ID Number: COD982590754
Facility Name: GARDNER DENVER FACILITY
Address: 1717 EAST 39TH ST
City: DENVER County: DENVER
Zip Code: 80205

Generator Type: Small Quantity Generator

TSD Type:

Transporter: Burner/Blender:
Non-Regulated Status (If Applicable):

=====

EPA RCRA ID Number: COD982591281
Facility Name: VETERANS ADMIN (CLEANUP)
Address: 4725 GRANT ST
City: DENVER County: DENVER
Zip Code: 80225

Generator Type:

TSD Type:

Transporter: Burner/Blender:
Non-Regulated Status (If Applicable): Hazardous Waste - None

=====

EPA RCRA ID Number: COD982592024
Facility Name: HUD CLEANUP FRONT RANGE ASBESTOS
Address: 4454 JOSEPHINE
City: DENVER County: DENVER
Zip Code: 80221

Generator Type:

TSD Type:

Transporter: Burner/Blender:
Non-Regulated Status (If Applicable): Hazardous Waste - None

=====

RCRA Generator & TSD Facilities Not Mapped

EPA RCRA ID Number: COD982647679
Facility Name: US EPA CLEANUP (RIVERSIDE CEMETERY)
Address: 5200 BLOCK OF BURLINGTON CANAL
City: COMMERCE CITY County: ADAMS
Zip Code: 80216

Generator Type:
TSD Type:
Transporter: Burner/Blender:
Non-Regulated Status (If Applicable): Hazardous Waste - None
=====

EPA RCRA ID Number: COT000604066
Facility Name: LOU'S TRAP GREASE SERVICE
Address: 5350 N WASHINGTON
City: DENVER County: DENVER
Zip Code: 80216

Generator Type:
TSD Type:
Transporter: Burner/Blender:
Non-Regulated Status (If Applicable): Closed
=====

EPA RCRA ID Number: COT090010174
Facility Name: CHILEWICH CORPORATION DENVER DIVISION
Address: 4200 GAYLORD
City: DENVER County: DENVER
Zip Code: 80216

Generator Type:
TSD Type:
Transporter: Burner/Blender:
Non-Regulated Status (If Applicable): Mining Exempt
=====

EPA RCRA ID Number: COT090010661
Facility Name: ONE STOP RECYCLING INC
Address: 5138 THOMPSON COURT
City: DENVER County: DENVER
Zip Code: 80216

Generator Type:
TSD Type:
Transporter: Transporter Burner/Blender:
Non-Regulated Status (If Applicable):
=====

EPA RCRA ID Number: COT090010893
Facility Name: BOB ANDERSON WRECKING INC
Address: 1930 EAST 40TH AVENUE
City: DENVER County: DENVER
Zip Code: 80205

Generator Type:
TSD Type:
Transporter: Transporter Burner/Blender:
Non-Regulated Status (If Applicable):
=====

LEAKING UNDERGROUND STORAGE TANKS

REPORTED LEAKING UNDERGROUND STORAGE TANKS

County: ADAMS

=====
Map #: AD-24 Date Reported: 9/22/88
Texaco (Offen Texaco Service)
5201 York St. Commerce City

Map #: AD-85 Date Reported: 9/07/89
HVVH Transportation Inc.
5630 Franklin St. Unincorporated

Map #: AD-123 Date Reported: 3/01/90
Riverside Cemetery
5201 Brighton Blvd. Commerce City

County: DENVER

=====
Map #: DE-30 Date Reported: 3/02/89
Hertz Pensky Truck Leasing
1910 38th St. Denver

Map #: DE-52 Date Reported: 3/04/88
P-I-E Nationwide Inc.
3223 E. 46th Ave. Denver

Map #: DE-66 Date Reported: 9/09/87
Union Pacific RR (TOFC Ramp)
40th & Williams Denver
Deleted From Health Dept. List Of 6/30/90

Map #: DE-70 Date Reported: 8/14/89
Union Pacific Railroad
42nd & Vine St. Denver

Map #: DE-72 Date Reported: 10/18/89
Conoco (I70 & Washington Conoco)
4605 Washington Denver

Map #: DE-74 Date Reported: 1/04/89
Seven-Eleven
4708 Washington Denver

Map #: DE-144 Date Reported: 3/01/90
Cantile Terminal
510 E 51st St. Denver

REPORTED LEAKING UNDERGROUND STORAGE TANKS

Map #: DE-148 Date Reported: 12/19/89
Clearwater Trucking
3505 Ringsby Court Denver

Map #: DE-161 Date Reported: 4/27/90
Estate of Tischy
4750 York St. Denver

Map #: DE-167 Date Reported: 1/26/90
Food Products, Inc
4303 Brighton Blvd. Denver

Map #: DE-172 Date Reported: 2/23/90
Goodstein Trust
3400 Arkins Ct. Denver

Map #: DE-180 Date Reported: 4/17/90
Limited Partnership
3900 Williams Denver

Map #: DE-215 Date Reported: 5/29/90
Colorado Hwy Dept
Mouse Trap Denver

Map #: DE-218 Date Reported: 6/15/90
Clalite Property
5050 Race St Denver
